



No. 13
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UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
J. Chedister	M/V MAERSK ARIZONA

Cover Photo: The **USS SLATER (DE-766)** is a Canon Class Destroyer Escort launched on February 13, 1944 and commissioned on May 1, 1944. Of the 565 Destroyer Escorts built during World War II, the **USS SLATER** is the only one remaining afloat in the United States and the last one with original battle armament and configuration. She has a displacement of 1,200 tons, is 306 feet long with a beam of 36 feet and carried a crew of 216 men when commissioned. The **USS SLATER** was named after Frank O. Slater of Alabama, a sailor killed aboard the **USS SAN FRANCISCO** during the Battle of Guadalcanal in 1942. The **USS SLATER** saw service in both the Atlantic and Pacific theaters during World War II. She was decommissioned in 1946 and was transferred to Greece on March 1, 1951. The **USS SLATER** served in the Hellenic Navy until 1991, when she was donated to the Destroyer Escort Sailors Association (DESA). She was returned to New York in 1993 and was transferred to her permanent homeport of Albany, New York in October 1997. The **USS SLATER** now serves as a living museum and is being maintained by a crew of dedicated volunteers.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 13/04

HYDROGRAM

National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003

SPECIAL
ANNOUNCEMENTS
NEW PRODUCTS
OR SERVICES
IMPORTANT
CHANGES

27 March 2004

QUARTERLY SUMMARY OF INFORMATION OF INTEREST TO NAVIGATORS

NAVAREAS, HYDROPACS AND HYDROLANTS-SEE SECTION III.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF COAST PILOT

U.S. COAST PILOT 6, GREAT LAKES, THIRTY-FOURTH EDITION, 2004, IS READY FOR ISSUE. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

1115A	Ed. 10/02	LAST NM 11/04	13/04
Add	Obstruction "Fish Haven" (cov 26fms)" [K46.2], $\frac{1}{4}$ mile square, marked by buoy Y (Priv), centered	28°54.1'N 89°01.4'W	
	Buoy R, QR (Priv)	28°54.1'N 89°22.0'W	(4, 5/04 CG8)
1116A	Ed. 6/03	LAST NM 10/04	13/04
Delete	Platform	28°18.6'N 92°59.9'W	
Add	Platform [L10]	28°33.6'N 92°27.9'W	
	Submerged well (cov 23fms) [L20] marked by buoy W Or, Fl 2.5s (Priv)	28°21.4'N 90°32.7'W	
	Platform [L10] Buoy R, QR (Priv)	27°21.7'N 90°10.9'W 28°54.1'N 89°22.0'W	(4, 5/04 CG8)
11004	7Ed.	10/29/94 LAST NM 10/04	13/04
Add	Platform [L10]	27°21.7'N 90°10.9'W	
	Dashed-line circle "Obstruction (Fish Haven) (cov 26fms)" [K46.2], marked by buoy Y (Priv)	28°54.1'N 89°01.4'W	
	(4/04 CG8)		
11006	31Ed.	9/03 LAST NM 6/04	13/04
Add	Dashed-line circle "Obstruction (Fish Haven) (cov 26fms)" [K46.2], marked by buoy Y (Priv)	28°54.1'N 89°01.4'W	
	Buoy R, QR (Priv)	28°54.1'N 89°22.0'W	(4, 5/04 CG8)
11305	1Ed.	10/2/99 LAST NM N1/04	N13/04
Relocate	Beacon "1" from 27°50'35.1"N to 27°50'34.5"N	97°13'54.7"W 97°13'53.6"W	
	Light "12" from 27°50'56.3"N to 27°50'57.2"N	97°14'12.1"W 97°14'11.5"W	
Relocate	(Plan) Beacon "1" from 27°50'34.3"N to 27°50'34.5"N	97°13'53.6"W 97°13'53.6"W	
	(See N3/01-11305)		
	(5/04 CG8)		
11308	22Ed.	11/02 LAST NM 32/03	13/04
	(Side A)		
Relocate	Beacon "1" from 27°50'35.2"N to 27°50'34.5"N	97°13'51.3"W 97°13'53.6"W	
	(5/04 CG8)		
★11309	37Ed.	9/03 LAST NM 1/04	13/04
Relocate	Light "12" from 27°50'56.2"N to 27°50'57.2"N	97°14'11.7"W 97°14'11.5"W	
	(5/04 CG8)		
★11312	3Ed.	10/20/01 LAST NM 1/04	13/04
Relocate	Beacon "1" from 27°50'34.8"N to 27°50'34.5"N	97°13'54.5"W 97°13'53.6"W	
	(5/04 CG8)		
11318	1Ed.	10/2/99 LAST NM N1/04	N13/04
Relocate	Beacon "1" from 27°50'34.8"N to 27°50'34.5"N	97°13'54.3"W 97°13'53.6"W	
	Light "12" from 27°50'56.3"N to 27°50'57.2"N	97°14'12.0"W 97°14'11.5"W	
	(5/04 CG8)		
★11321	29Ed.	12/15/01 LAST NM 10/04	13/04
Delete	Platform	28°37'34"N 95°26'37"W	
	Platform	28°38'03"N 95°26'55"W	
	Platform	28°37'52"N 95°27'32"W	
	Platform	28°37'50"N 95°28'39"W	
	Note: Platform close SE remains		
	(4, 5/04 CG8)		
★11330	15Ed.	10/03 LAST NM 10/04	13/04
	Delete Platform (5/04 CG8)	28°18.6'N 92°59.9'W	
★11340	68Ed.	6/03 LAST NM 10/04	13/04
Delete	Platform	28°18.6'N 92°59.9'W	
Add	Platform [L10]	28°33.6'N 92°27.9'W	
	Submerged well (cov 23fms) [L20] marked by buoy W Or, Fl 2.5s (Priv)	28°21.4'N 90°32.7'W	
	Platform [L10] Buoy R, QR (Priv)	27°21.7'N 90°10.9'W 28°54.1'N 89°22.0'W	(4, 5/04 CG8)
★11341	39Ed.	2/03 LAST NM 12/04	13/04
Delete	Platform (4/04 CG8)	29°29'55"N 93°27'41"W	
★11342	52Ed.	5/03 LAST NM 6/04	13/04
Add	Danger circle "Obstrn" [K40] (PA)	29°44'05.1"N 93°52'02.4"W	
	(5/04 CG8)		
★11351	38Ed.	3/03 LAST NM 12/04	13/04
Delete	Platform	28°58'53"N 91°29'07"W	
	Platform	28°58'02"N 91°37'15"W	
	Platform	28°59'17"N 91°29'35"W	
	Platform	28°59'35"N 91°29'18"W	
	Platform	29°02'29"N 91°27'09"W	
	Platform	29°02'52"N 91°26'59"W	
	(4, 5/04 CG8)		
★11352	37Ed.	12/03 NEW EDITION	13/04
Change	Designation of light to "6" (Previously published 7/04)	29°15.3'N 89°55.5'W	
Change	Legend to "13 FT BY 400 FEET NOV 2003"	29°24.9'N 91°20.6'W	
	Legend to "13 FT BY 400 FEET NOV 2003"	29°16.2'N 91°28.7'W	
	(Previously published 10/04)		
Relocate	Buoy "B" from 29°32.5'N to 29°32.5'N	91°16.0'W 91°15.8'W	
	(NOS)	(Previously published 12/04)	
★11353	3Ed.	11/03 LAST NM 9/04	13/04
Relocate	Light "2" from 29°24'15.6"N to 29°24'16.4"N	89°18'35.2"W 89°18'34.0"W	
Add	Platform [L10]	29°23'15.0"N 89°16'04.0"W	
	Tabulation of controlling depths from Subsection I-2		
Relocate	(Extension) Light "2" from 29°24'15.7"N to 29°24'16.4"N	89°18'35.1"W 89°18'34.0"W	
	(NOS; 5/04 CG8)		
★11356	35Ed.	7/03 LAST NM 6/04	13/04
Delete	Platform	28°58'53"N 91°29'07"W	
	Platform	28°57'36"N 91°28'31"W	
	Platform	28°59'15"N 91°29'32"W	
	Platform	28°59'35"N 91°29'16"W	
	Platform	29°02'30"N 91°27'09"W	
	Note: Platform close SE remains		
	Platform	29°02'54"N 91°27'00"W	
	Note: Platform close NE remains		
	(4, 5/04 CG8)		
11360	40Ed.	10/02 LAST NM 11/04	13/04
Add	Obstruction "Fish Haven" (cov 26fms)" [K46.2], $\frac{1}{4}$ mile square, marked by buoy Y (Priv), centered	28°54.1'N 89°01.4'W	

(continued on next page)

SECTION I

11360	(Continued) Buoy R, QR (Priv) (4, 5/04 CG8)	28°54.1'N 89°22.0'W	Note: Range bearing unchanged (4, 5/04 CG8)	
★11361	71Ed. 12/03 LAST NM 12/04 Add Buoy R, QR (Priv) (5/04 CG8)	13/04 28°54'04"N 89°21'57"W	★11389 32Ed. 10/13/01 LAST NM 7/04 Delete Buoy "1" Buoy "4" (4/04 CG8)	13/04 29°56'49"N 85°25'50"W 29°56'53"N 85°25'51"W
11362	4Ed. 6/10/00 LAST NM N11/04 Add Obstruction "Fish Haven" (cov 26fms)" [K46.2], ¼ mile square, marked by buoy Y (Priv), centered	N13/04 28°54.1'N 89°01.4'W	11393 20Ed. 11/3/01 LAST NM 42/03 (Side A) Delete Buoy "1" Buoy "4" (Side B) Delete Buoy "1" Buoy "4" (4/04 CG8)	13/04 29°56'51.0"N 85°25'49.8"W 29°56'52.2"N 85°25'49.4"W 29°56'50.4"N 85°25'49.9"W 29°56'52.1"N 85°25'48.7"W
	Buoy R, pillar, QR (Priv) (4, 5/04 CG8)	28°54.1'N 89°22.0'W		
★11363	39Ed. 9/03 LAST NM 12/04 Add Platform [L10]	13/04 29°23'15"N 89°16'04"W	11411 14Ed. 8/02 LAST NM 20/03 (Side A) Delete WHIS from buoy "13" (5/04 CG7)	13/04 27°36'36"N 82°48'43"W
	Tabulation of controlling depths from Subsection I-2 (NOS; 5/04 CG8)			
11364	39Ed. 11/02 LAST NM 6/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	13/04	11412 41Ed. 8/02 LAST NM 20/03 Delete WHIS from buoy "13" (5/04 CG7)	13/04 27°36'35"N 82°48'43"W
★11366	8Ed. 10/03 LAST NM 12/04 Add Obstruction "Fish Haven" (cov 26fms)" [K46.2], ¼ mile square, marked by buoy Y (Priv), centered	13/04 28°54.1'N 89°01.4'W	★11415 6Ed. 11/03 LAST NM 12/04 Delete WHIS from buoy "13" (5/04 CG7)	13/04 27°36'36"N 82°48'43"W
	Buoy R, QR (Priv) (4, 5/04 CG8)	28°54.1'N 89°22.0'W		
11369	44Ed. 12/02 LAST NM 6/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	13/04	★11478 20Ed. 5/03 LAST NM 52/03 Relocate Buoy "14A" from 28°24'37.9"N 80°36'13.9"W to 28°24'37.4"N 80°36'09.2"W Buoy "18" from 28°24'38.6"N 80°37'09.5"W to 28°24'39.5"N 80°37'10.4"W Change Legend to "40½ FT AUG 2003" (See 32/03-11478)	13/04 28°24'31.0"N 80°34'32.0"W
★11370	24Ed. 7/03 LAST NM 4/04 (Side A) Add Dangerous wreck [K28] (PA)	13/04 30°00'08.8"N 90°49'52.9"W (4/04 CG8)	Add Depth 35 feet	28°24'58.8"N 80°35'37.7"W
	Note: Range bearing unchanged		Tabulation of controlling depths from Subsection I-2 (NOS; 5/04 CG7)	
11378	32Ed. 1/03 LAST NM 7/04 (Side A) Delete Light Range light, front	13/04 30°19'32.0"N 87°18'46.3"W 30°19'51.4"N 87°18'50.8"W	11481 4Ed. 8/02 LAST NM 52/03 Relocate Buoy "14A" from 28°24'38.0"N 80°36'14.0"W to 28°24'37.4"N 80°36'09.2"W Buoy "18" from 28°24'38.6"N 80°37'09.5"W to 28°24'39.5"N 80°37'10.4"W Change Legend to "40½ FT AUG 2003" (See 28/03-11481)	13/04 28°24'30.0"N 80°34'31.0"W
	Add Range light, front QG 24ft, QG 26ft 3M	30°19'33.6"N 87°18'44.0"W	Add Depth 35 feet	28°24'58.8"N 80°35'37.7"W
	Note: Range bearing unchanged		Tabulation of controlling depths from Subsection I-2 (NOS; 5/04 CG7)	
11382	39Ed. 9/02 LAST NM 52/03 Delete Light Range light, front	13/04 30°19'32"N 87°18'47"W 30°19'53"N 87°18'51"W		
	Add Range light, front QG 24ft, QG 26ft 3M	30°19'34"N 87°18'44"W		
	Note: Range bearing unchanged			
11383	50Ed. 10/03 LAST NM 52/03 Delete Light Range light, front	13/04 30°19'31.9"N 87°18'47.2"W 30°19'51.4"N 87°18'50.8"W	11536 16Ed. 8/03 LAST NM 8/04 Add "Pilot Boarding Area" bound by purple solid-line lesser arc of a circle, radius 2 miles, centered arc between	13/04 33°46'17"N 78°03'02"W 33°48'10"N 78°03'49"W 33°44'17"N 78°03'01"W
	Add Range light, front QG 24ft, QG 26ft 3M	30°19'33.6"N 87°18'44.0"W	Purple solid line joining	33°44'17"N 78°03'01"W 33°46'00"N 78°02'30"W 33°46'17"N 78°03'02"W 33°48'10"N 78°03'49"W
	Note: Range bearing unchanged			
★11384	34Ed. 10/03 LAST NM 2/04 Delete Light Range light, front	13/04 30°19'31.7"N 87°18'46.7"W 30°19'51.4"N 87°18'50.8"W		
	Add Range light, front QG 24ft, QG 26ft 3M	30°19'33.6"N 87°18'44.0"W		

SECTION I

NM 13/04

<p>★11537 34Ed. 4/03 LAST NM 10/04 Add "Pilot Boarding Area" bound by purple solid-line lesser arc of a circle, radius 2 miles, centered arc between Purple solid line joining (See 8/04-11537) (49/03 CG5)</p> <p>★12222 45Ed. 11/03 LAST NM 12/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★12253 43Ed. 6/03 LAST NM 10/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>12285 35Ed. 1/03 LAST NM 9/04 (Page E) Delete Light "A" 38°47'35"N 77°02'05"W Light "B" 38°47'35"N 77°01'56"W Light "C" 38°47'35"N 77°01'46"W Light "D" 38°47'35"N 77°01'38"W (5/04 CG5)</p> <p>★12289 48Ed. 1/03 LAST NM 22/03 Delete Light "A" 38°47'36"N 77°02'05"W Light "B" 38°47'36"N 77°01'56"W Light "C" 38°47'37"N 77°01'46"W Light "D" 38°47'37"N 77°01'38"W (5/04 CG5)</p> <p>13229 28Ed. 1/04 LAST NM 12/04 (Page A) Change Buoy to "DCL" BRB, double ball topmark, Fl(2) 5s 41°35'43"N 70°21'05"W (Page C) Change Buoy to "DCL" BRB, double ball topmark, Fl(2) 5s 41°35'43"N 70°21'05"W (5/04 CG1)</p> <p>★13237 39Ed. 5/03 LAST NM 39/03 Change Buoy to "DCL" BRB, double ball topmark, Fl(2) 5s 41°35'44"N 70°21'04"W (5/04 CG1)</p> <p>★14769 Ed. 7/9/99 CHART CANCELED (NGA) N13/04</p> <p>17360 33Ed. 5/03 LAST NM 36/03 Change Height of light "4" to 8ft 56°22.6'N 132°05.2'W Height of light "2" to 17ft 56°20.8'N 132°00.4'W Visibility (range) of light "7" to 4M 56°22.1'N 132°10.3'W Visibility (range) of light to 4M 56°01.4'N 132°49.6'W (See 36/03-17360) (3/04 CG17)</p> <p>17382 15Ed. 3/03 LAST NM 36/03 Change Visibility (range) of light to 4M 56°01'23"N 132°49'38"W Visibility (range) of light "1" to 4M 56°25'02"N 132°21'11"W (See 36/03-17382) (3/04 CG17)</p> <p>★17384 7Ed. 2/26/00 LAST NM 44/02 Change Visibility (range) of light "1" to 4M 56°25'02.5"N 132°21'11.0'W (3/04 CG17)</p> <p>★17385 14Ed. 2/03 LAST NM 14/03 Change Height of light "4" to 8ft 56°22'36"N 132°05'12"W</p>	<p>13/04</p> <p>Height of light "2" to 17ft 56°20'47"N 132°00'24"W Visibility (range) of light "7" to 4M 56°22'07"N 132°10'18"W Visibility (range) of light "1" to 4M 56°25'02"N 132°21'11"W (3/04 CG17)</p> <p>★17401 10Ed. 9/4/99 LAST NM 36/03 Change Visibility (range) of light to 4M 56°01'22.6"N 132°49'38.3"W (See 36/03-17401) (3/04 CG17)</p> <p>17420 26Ed. 9/22/01 LAST NM 36/03 Change Visibility (range) of light to 6M 55°28.7'N 131°48.8'W Visibility (range) of light to 6M 55°01.3'N 131°30.8'W Height of light "2" to 14ft 55°40.8'N 132°27.5'W (3/04 CG17)</p> <p>17422 8Ed. 10/02 LAST NM 52/02 Change Visibility (range) of light to 6M 55°28'43"N 131°48'47"W (3/04 CG17)</p> <p>★17423 13Ed. 2/14/98 LAST NM 2/01 (Inset Tolstoi and Thorne Bays) Change Height of light "2" to 14ft 55°40'46"N 132°27'28"W (3/04 CG17)</p> <p>★17428 7Ed. 2/25/95 LAST NM 43/03 Change Visibility (range) of light "14" to 5M 55°23'41"N 131°45'53"W (3/04 CG17)</p> <p>★17429 2Ed. 4/27/02 LAST NM N38/02 Change Visibility (range) of light to 6M 55°28'43"N 131°48'47"W (3/04 CG17) N13/04</p> <p>★17430 10Ed. 2/7/98 LAST NM 36/03 Change Visibility (range) of light "2" to 4M 55°20'18.1'N 131°38'33.1'W (3/04 CG17)</p> <p>17434 11Ed. 5/6/95 LAST NM 43/03 Change Visibility (range) of light to 6M 55°01'19"N 131°30'49"W (3/04 CG17) 13/04</p> <p>★17435 16Ed. 7/31/99 LAST NM 49/03 (Inset Tamgas Harbor) Change Visibility (range) of light to 6M 55°01'18.9'N 131°30'48.5'W (3/04 CG17)</p> <p>18022 34Ed. 11/03 LAST NM 11/04 Add Buoy "MBYC" Y (Priv) 35°22.5'N 120°55.0'W (48/03 CG11)</p> <p>18423 34Ed. 12/03 LAST NM 12/04 (Page D) Change Red sector of light to 150°-076° 48°31'29"N 122°55'09"W (NOS)</p> <p>18434 5Ed. 10/03 LAST NM 2/04 Change Red sector of light to 150°-076° 48°31'29.0'N 122°55'09.0'W (NOS)</p> <p>★18445 30Ed. 11/03 NEW EDITION (Page A) Change Height of light "3" to 29ft 47°40'40"N 122°24'43"W (Previously published 47/03)</p> <p>Relocate Beacon from 47°51'31"N 122°40'34"W to 47°51'35"N 122°40'29"W (Previously published 6/04)</p>
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(continued on next page)

18445	(Continued)				
Change	Period of buoy "TA" to 2.5s (Previously published 8/04)	47°26'52"N 122°24'15"W			
Add	Danger circle [K40] "Obstn Rep (2004)", radius 200 feet, centered (Previously published 8/04)	47°40'52"N 122°35'53"W			
Change	Legend to "PRECAUTIONARY AREA" (see note F)"	47°56'00"N 122°28'50"W			
Add	(Page B, Inset 5) Buoy "2" QY	47°33'04"N 122°39'01"W			
Relocate	(Page B, Inset 6) Range light, front from 47°15'17"N 122°22'33"W to and change height to 111ft	47°15'12"N 122°22'24"W			
	Range light, rear from 47°15'12"N 122°22'23"W to and change height to 151ft	47°15'05"N 122°22'12"W			
Change	(Page C) Period of buoy "TA" to 2.5s (Previously published 8/04)	47°26'53"N 122°24'17"W			
Delete	"Fish Pen" area tint in vicinity	47°10'48"N 122°51'00"W			
Change	Buoy to "TB" Y, Fl Y 2.5s Light to FY BELL (Priv)	47°23'04"N 122°21'12"W 47°17'08"N 122°24'39"W			
Add	Buoy Y, Fl Y 4s (Priv) Buoy "1" G, Fl G 2.5s	47°17'14"N 122°29'03"W 47°24'05"N 122°20'05"W			
Delete	(Page E) Buoy "A"	47°45'46"N 122°43'26"W			
Change	Buoy "2" QY to (2)QY	47°44'30"N 122°43'59"W			
Add	Buoy (mooring) [Q41] "F" Fl Y (Navy) (NOS; 43/01, 10, 26/02, 15, 26, 29, 34/03 CG13; NTM0003/2002; NTM0002/2004)	47°43'22"N 122°49'33"W			
18448	33Ed. 9/03 LAST NM 8/04		13/04		
Delete	Light symbol	47°34'32"N 122°31'31"W			
	Light symbol	47°34'28"N 121°31'33"W			
(NOS)	Note: Lights close NW and legend (3 Fl Y 6s) remain				
18458	15Ed. 3/03 LAST NM 38/03		13/04		
Change	Light to Fl Y 6s (Priv) (31/03 CG13)	47°47'19.1"N 122°51'11.2"W			
18459	5Ed. 5/16/98 LAST NM N38/03		N13/04		
Delete	Light "A"	47°47'30.2"N 122°51'12.3"W			
Add	Light Fl Y 6s (Priv) (31/03 CG13)	47°47'19.0"N 122°51'12.0"W			
18476	4Ed. 2/7/98 LAST NM 6/04		13/04		
Delete	Light "A"	47°47'30"N 122°51'12"W			
Add	Light Fl Y 6s (Priv) (31/03 CG13)	47°47'19"N 122°51'12"W			
★18521	70Ed. 10/03 LAST NM 5/04		13/04		
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
★18523	54Ed. 10/03 LAST NM 8/04		13/04		
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
★18524	33Ed. 2/23/02 LAST NM 8/04 (Left Panel)		13/04		
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
★18525	33Ed. 6/30/01 LAST NM 8/04			13/04	
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
18526	55Ed. 5/26/01 LAST NM 8/04			13/04	
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
★18531	20Ed. 11/10/01 LAST NM 8/04 (Lower Panel)			13/04	
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
★18584	47Ed. 8/25/01 LAST NM 1/04			13/04	
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
★18661	27Ed. 2/03 LAST NM 49/03 (Side A)			13/04	
Change	Legend to "OVHD PWR CAB CL 137 FT REP"				
(NOS)					
18700	22Ed. 7/03 LAST NM 40/03			13/04	
Add	Buoy "MBYC" Y (Priv) (48/03 CG11)				
★18703	25Ed. 7/03 LAST NM 7/04			13/04	
Add	Buoy "MBYC" Y (Priv) (48/03 CG11)				
★18758	6Ed. 6/02 LAST NM 11/04			13/04	
Relocate	Buoy "C" from 33°12'30.0"W to Buoy "3" from 33°12'30.4"W to	117°23'54.0"W 33°12'30.4"N 117°23'57.2"W 117°24'02.2"W 33°12'29.5"N 117°24'01.3"W			
(39/03 CG11)					
18774	10Ed. 6/02 LAST NM 11/04 (Inset)			13/04	
Delete	Buoy (W Or)				
		33°12'30.5"N 117°23'56.4"W			
Relocate	Buoy "3" from 33°12'30.1"W to	117°24'02.1"W 33°12'29.5"N 117°24'01.3"W			
Add	Buoy "C" W Or (39/03 CG11; US CH 18758)				
		33°12'30.4"N 117°23'57.2"W			
★19324	22Ed. 10/21/00 LAST NM 23/03			13/04	
Delete	Light (5/04 CG14)				
		19°43'31.2"N 155°04'15.5"W			
19340	26Ed. 12/2/00 LAST NM 10/04			13/04	
Add	Buoy (mooring) [Q40]				
		21°16.4'N 158°06.0'W			
		21°17.4'N 158°03.9'W			
		21°16.5'N 158°03.5'W			
		21°15.5'N 158°05.6'W			
		"SECURITY ZONE" bound by purple dashed line joining			
		21°16.4'N 158°06.0'W			
		21°17.4'N 158°03.9'W			
		21°16.5'N 158°03.5'W			
		21°15.5'N 158°05.6'W			
		Legend "Obstns"			
		(5/04 CG14)			
		21°16.8'N 158°03.8'W			
19357	22Ed. 8/02 LAST NM 10/04			13/04	
Add	Buoy (mooring) [Q40]				
		21°16'26"N 158°06'02"W			
		21°17'21"N 158°03'57"W			
		21°16'28"N 158°03'30"W			
		21°15'32"N 158°05'34"W			
		(continued on next page)			

SECTION I

NM 13/04

19357	(Continued)			
	"SECURITY ZONE" bound by purple dashed line joining	21°16'26"N 158°06'02"W 21°17'21"N 158°03'57"W 21°16'28"N 158°03'30"W 21°15'32"N 158°05'34"W		
	Legend "Obstns" (5/04 CG14)	21°15'58"N 158°04'48"W		
★19362	12Ed. 6/1/96 LAST NM 10/04		13/04	
Add	Buoy (mooring) [Q40]	21°16'25.8"N 158°06'01.8"W		
	Buoy (mooring) [Q40]	21°17'21.0"N 158°03'57.0"W		
	Buoy (mooring) [Q40]	21°16'28.2"N 158°03'30.0"W		
	Buoy (mooring) [Q40]	21°15'31.8"N 158°05'33.6"W		
	"SECURITY ZONE" bound by purple dashed line joining	21°16'25.8"N 158°06'01.8"W 21°17'21.0"N 158°03'57.0"W 21°16'28.2"N 158°03'30.0"W 21°15'31.8"N 158°05'33.6"W		
	Legend "Obstructions" (5/04 CG14)	21°16'17.0"N 158°04'30.0"W		
★19366	36Ed. 1/12/02 LAST NM 10/04		13/04	
Relocate	Light "5" from 21°20'56.3"N to 21°20'55.9"N	157°58'59.7"W 157°58'59.5"W		
	(6/04 CG14)			
19379	1Ed. 8/16/97 LAST NM N12/04		N13/04	
Add	Buoy (mooring) [Q40]	21°16.4'N 158°06.0'W		
	(5/04 CG14)			
22262	3Ed. 3/2/96 LAST NM 46/01		13/04	
Change	Visibility (range) of light to 5M	28°27'25.6"S 71°13'39.0"W		
	(1/03)04 Valparaiso)			
22281	9Ed. 1/25/97 LAST NM 4/04		13/04	
Change	Visibility (range) of light to 5M	30°17'37"S 71°36'33"W		
	Visibility (range) of light to 7M	30°18'08"S 71°35'24"W		
	Visibility (range) of light to 5M	29°57'54"S 71°21'50"W		
	(1/5, 6)04 Valparaiso)			
22283	3Ed. 3/30/89 LAST NM N4/04		N13/04	
Change	Visibility (range) of light to 5M	29°57'49.0"S 71°21'49.0"W		
	(1/5)04 Valparaiso)			
22286	1Ed. 11/1/03 LAST NM 5/04		13/04	
Change	Visibility (range) of light to 5M	30°17'33.0"S 71°36'32.8"W		
	Visibility (range) of light to 7M	30°18'10.7"S 71°35'23.0"W		
	(1/6)04 Valparaiso)			
22311	19Ed. 4/5/97 LAST NM 8/03		13/04	
	(Plan Port of Talcahuano)			
Change	Visibility (range) of light to 16M	36°41'49.0"S 73°04'59.0"W		
Add	Light Fl 5s 6m 6M	36°41'46.5"S 73°06'00.0"W		
	(1/8)04 Valparaiso; Chile CH 6111)			
22313	2Ed. 10/12/96 LAST NM 40/03		13/04	
Change	Visibility (range) of light to 16M	36°41'49.0"S 73°04'59.4"W		
	(1/8)04 Valparaiso)			
24016	53Ed. 8/10/96 LAST NM 39/02		13/04	
Add	Dangerous wreck [K28] (PA)	2°32.6'S 39°54.4'W		
	(1/1)04 Rio de Janeiro)			
24200	14Ed. 8/3/96 LAST NM 9/04		13/04	
Add	Wreck [K29]	12°45.8'S 38°02.3'W		
	(2/E4028)04 Rio de Janeiro)			
24250	5Ed. 1/31/98 LAST NM 39/03		13/04	
Add	Dangerous wreck [K28] (PA)	(1/1)04 Rio de Janeiro)	2°32.6'S 39°54.4'W	
24463	6Ed. 6/3/95 LAST NM 38/03		13/04	
Add	Pilot station symbol with legend "Reef Berths"	[T1.2]	12°26'19"N 69°58'22"W	
	Legend "Inner Harbor" to pilot station symbol	12°25'35"N 69°56'19"W		
	Pilot station symbol with legend "HDS & Coke Berth"	[T1.2]	12°24'06"N 69°55'18"W	
	(9/1027)04 Taunton)			
24470	4Ed. 12/19/81 LAST NM 47/02		13/04	
Add	Dangerous wreck [K28]	(6/683)04 Taunton)	11°08.7'N 71°06.8'W	
25613	2Ed. 1/28/95 LAST NM 8/04		13/04	
	(Plan)			
Add	Visible sector 300°-096° to light	(See 8/04-25613)	18°00'53.0"N 63°03'34.0"W	
	(BA CH 2079)			
29101	6Ed. 5/31/97 LAST NM 8/04		13/04	
Add	Dangerous submerged rock [K13]	(1/13)04 Valparaiso)	62°59.7'S 60°33.3'W	
29121	5Ed. 6/28/97 LAST NM 12/04		13/04	
Add	Dangerous submerged rock [K13]	(1/13)04 Valparaiso)	62°59.7'S 60°33.3'W	
35036	21Ed. 8/23/97 LAST NM 12/04		13/04	
Change	Visibility (range) of light to 16M	(28/03 Trinity House)	49°56.7'N 5°48.5'W	
36005	(INT 1070) 2Ed. 2/24/96 LAST NM 44/03		13/04	
Change	Visibility (range) of light to 16M	(28/03 Trinity House)	49°56.7'N 5°48.5'W	
36015	2Ed. 3/1/97 LAST NM 44/03		13/04	
Change	Visibility (range) of light to 16M	(28/03 Trinity House)	49°56.7'N 5°48.5'W	
36140	12Ed. 8/16/97 LAST NM 27/03		13/04	
Change	Visibility (range) of light to 16M	(28/03 Trinity House)	49°56.7'N 5°48.5'W	
36180	23Ed. 10/14/95 LAST NM 44/03		13/04	
Change	Visibility (range) of light to 16M	(28/03 Trinity House)	49°56.7'N 5°48.5'W	
36181	18Ed. 11/1/97 LAST NM 4/03		13/04	
Change	Visibility (range) of light to 16M	(28/03 Trinity House)	49°56'43"N 5°48'30"W	
36182	6Ed. 7/3/93 LAST NM 27/03		13/04	
Change	Visibility (range) of light to 16M	(28/03 Trinity House)	49°56'43"N 5°48'30"W	
37344	11Ed. 5/17/97 LAST NM 45/03		13/04	
Change	Visibility (range) of light to 17M	47°28'47"N 3°07'09"W		
	Visibility (range) of light to 16M	47°28'36"N 3°07'12"W		
Add	Submarine cable [L30.1] joining	47°34'13"N 3°06'01"W 47°33'46"N 3°06'34"W 47°33'16"N 3°07'46"W		
	Bottom characteristic "R" [J9]	47°22'06"N 3°07'18"W		
	Height 28m to light	47°28'48"N 3°07'30"W		
	(Fr CH 7033; Fr LL)			

SECTION I

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SECTION I

NM 13/04

44164 (Continued)

Maximum authorized draft 7 meters [M6] to
recommended track 58°37'48.0"N 17°07'57.0"E
Maximum authorized draft 7 meters [M6] to
recommended track 58°37'34.0"N 17°05'42.0"E
Maximum authorized draft 7 meters [M6] to
recommended track 58°37'22.0"N 17°04'06.0"E
Maximum authorized draft 8.4 meters [M6] to
recommended track 58°37'08.0"N 17°02'21.0"E
Maximum authorized draft 8.4 meters [M6] to
recommended track 58°36'54.0"N 17°00'33.0"E
Maximum authorized draft 8.4 meters [M6] to
recommended track 58°36'38.0"N 16°58'48.0"E
Maximum authorized draft 8.4 meters [M6] to
recommended track 58°36'30.0"N 16°56'54.0"E

(48(1468)98 Norrkoping)

44183 6Ed. 4/19/97 LAST NM 2/04

Add Rock awash [K12] 59°25'16"N 18°17'34"E
Rock awash [K12] 59°25'14"N 18°17'32"E
Rock awash [K12] 59°24'48"N 18°19'12"E
Rock awash [K12] 59°24'46"N 18°19'09"E
Rock awash [K12] 59°25'03"N 18°20'17"E
Rock awash [K12] 59°25'02"N 18°20'15"E
Rock awash [K12] 59°24'30"N 18°24'35"E
Rock awash [K12] 59°24'29"N 18°24'39"E
Rock awash [K12] 59°24'19"N 18°24'50"E
Rock awash [K12] 59°24'18"N 18°24'50"E

(48(878)01 Norrkoping)

44260 7Ed. 7/27/96 LAST NM 5/04

Change Light to Fl(2) Y 10s 22m 7M and delete sector limits 64°39.1'N 24°13.6"E
(3(47)03 Helsinki)

44283 2Ed. 4/6/96 LAST NM 50/03

Delete Buoy "7" 65°30'34.2"N 22°21'06.0"E
Change Designation of buoy "3" to "1" 65°29'19.8"N 22°24'57.6"E
Designation of buoy "6" to "4" 65°30'07.2"N 22°22'56.4"E
Designation of buoy "9" to "5" 65°30'45.0"N 22°20'37.2"E
Designation of buoy "8" to "6" 65°30'48.0"N 22°21'00.0"E
Designation of buoy "11" to "7" 65°31'03.6"N 22°20'22.2"E
Designation of buoy "10" to "8" 65°31'05.4"N 22°20'34.8"E
Designation of buoy "13" to "9" 65°31'37.2"N 22°19'58.2"E
Designation of buoy "12" to "10" 65°31'39.0"N 22°20'07.2"E
Designation of buoy "15" to "11" 65°31'46.8"N 22°19'45.0"E
Designation of buoy "14" to "12" 65°31'51.6"N 22°19'54.6"E
Designation of buoy "17" to "13" 65°31'58.2"N 22°19'19.2"E
Designation of buoy "16" to "14" 65°32'01.2"N 22°19'25.2"E
Designation of buoy "18" to "16" 65°32'26.4"N 22°18'09.0"E
Designation of buoy "21" to "17" 65°32'30.6"N 22°17'30.0"E
Designation of buoy "23" to "19" 65°32'36.0"N 22°16'38.4"E
Designation of buoy "25c" to "21" 65°32'33.6"N 22°15'36.6"E
Buoy "19" to "15" BY, pillar, Q(3) 10s 65°32'22.8"N 22°18'05.4"E
Buoy "25a" to R, spar and delete designation 65°32'27.6"N 22°16'03.0"E
Buoy "25b" to R, spar and delete designation 65°32'29.4"N 22°15'43.8"E
Designation of buoy "20" to "18" 65°32'35.4"N 22°17'38.4"E
Designation of buoy "22" to "20" 65°32'43.2"N 22°16'40.2"E
Designation of buoy "24" to "22" 65°32'43.8"N 22°16'13.2"E
Designation of buoy "27" to "23" 65°32'46.2"N 22°14'15.6"E
Designation of buoy "26" to "24" 65°32'50.4"N 22°14'19.2"E
Designation of buoy "29" to "25" 65°32'57.0"N 22°13'18.0"E

Designation of buoy "31" to "27"

65°33'03.6"N 22°12'37.8"E

Buoy to "26E" G, conical, Fl(2)

65°32'53.4"N 22°13'52.8"E

Buoy to "26W" G, conical, Fl(2)

65°33'01.8"N 22°13'13.8"E

Add

Buoy "3" R, can, Fl R 3s

65°29'58.8"N 22°22'40.2"E

Designation "29" to buoy

65°33'25.8"N 22°11'04.8"E

Position circle "Current meter"

65°32'51.6"N 22°14'12.6"E

65°32'54.0"N 22°14'16.8"E

(47(658, 659)02 Norrkoping; Swd LL)

44365 1Ed. 8/3/91 LAST NM 11/04

Add

Swept depth area "10m (2003)"

[I24] bound by purple dashed line joining

60°36'42.7"N 28°33'00.8"E

60°36'48.5"N 28°33'09.7"E

60°36'53.6"N 28°33'14.0"E

60°36'46.4"N 28°33'12.9"E

(See 4/04-44365)

(46(7510)03 St. Petersburg)

44367 2Ed. 2/5/94 LAST NM 39/03

Add

Buoy YB, spar, double cone topmark

points downward

60°26'59"N 27°14'08"E

Position circle "Cairn"

60°27'50"N 27°12'39"E

Position circle "Cairn"

60°27'03"N 27°13'53"E

44444 6Ed. 5/15/99 LAST NM 7/04

(Plan B)

Delete

Double solid line and land tint in vicinity

55°42'11.8"N 21°07'29.2"E

Double solid line and land tint in vicinity

55°42'12.9"N 21°07'31.5"E

Double solid line and land tint in vicinity

55°42'12.9"N 21°07'32.6"E

Double solid line, land tint and legend

"Floating Pier" in vicinity 55°41'49.2"N 21°07'52.3"E

Dashed line between

55°42'37.4"N 21°06'57.7"E

55°41'18.8"N 21°07'51.0"E

Dashed line between

55°42'37.9"N 21°07'00.2"E

55°41'20.4"N 21°07'55.9"E

Legend "Being reclaimed (1990)"

55°41'41.0"N 21°07'52.3"E

Substitute Double solid line with land tint for double dashed line in vicinity

55°42'12.2"N 21°07'25.1"E

Solid line for dashed line joining

55°41'44.5"N 21°07'20.0"E

55°41'45.0"N 21°07'22.5"E

55°41'36.5"N 21°07'27.3"E

and add land tint to area bound by shore and

above solid line

Change

Berth designation to "1"

55°43'37.5"N 21°05'38.0"E

Berth designation to "2"

55°43'32.0"N 21°05'53.0"E

Berth designation to "3"

55°43'27.5"N 21°06'05.5"E

Berth designation to "5"

55°43'17.0"N 21°06'28.5"E

Berth designation to "6"

55°43'12.0"N 21°06'35.0"E

Berth designation to "7"

55°43'06.5"N 21°06'41.0"E

Berth designation to "8"

55°43'02.0"N 21°06'46.0"E

Berth designation to "9"

55°42'58.5"N 21°06'51.0"E

Berth designation to "10"

55°42'53.0"N 21°06'56.0"E

Berth designation to "11"

55°42'49.5"N 21°07'01.5"E

Berth designation to "12"

55°42'42.0"N 21°07'06.0"E

Berth designation to "13"

55°42'42.0"N 21°07'12.0"E

Berth designation to "14"

55°42'48.5"N 21°07'07.5"E

Berth designation to "15"

55°42'47.0"N 21°07'13.0"E

Berth designation to "33"

55°40'52.5"N 21°08'36.5"E

Berth designation to "87"

55°40'47.5"N 21°08'38.0"E

Berth designation to "91"

55°40'41.5"N 21°08'39.5"E

Berth designation to "94"

55°40'36.0"N 21°08'42.5"E

Berth designation to "96"

55°40'30.0"N 21°08'07.5"E

Berth designation to "98"

55°40'23.0"N 21°08'44.5"E

Berth designation to "100"

55°40'18.0"N 21°08'47.5"E

Berth designation to "102"

55°40'09.0"N 21°08'49.5"E

(continued on next page)

SECTION I

44444	(Continued)	Berth designation to "104"	55°40'04.5"N 21°08'51.0"E	Depth 10.8 meters for 16.5 meters (5(24)03 Istanbul)	36°36.6"N 28°01.6"E
Add	Land tint to area bound by shore and solid line [F13] between and delete dotted line (limiting danger line) in vicinity	55°40'51.2"N 21°07'59.5"E 55°40'42.9"N 21°08'05.0"E			
	"10.5m (1998)" area bound by dashed line [I21] joining	55°43'12.0"N 21°06'24.3"E 55°43'10.2"N 21°06'17.2"E 55°41'19.1"N 21°07'49.5"E 55°41'21.0"N 21°07'57.0"E			
	Berth designation "4" [F19]	55°43'20.5"N 21°06'18.5"E			
	Berth designation "25" [F19]	55°42'24.8"N 21°07'26.0"E			
	Berth designation "30" [F19]	55°42'16.0"N 21°07'22.5"E			
	Berth designation "45" [F19]	55°42'14.5"N 21°07'31.0"E			
	Berth designation "55" [F19]	55°42'15.0"N 21°07'42.0"E			
	Berth designation "60" [F19]	55°42'08.0"N 21°07'43.5"E			
	Berth designation "65" [F19]	55°41'55.5"N 21°07'45.5"E			
	Berth designation "70" [F19]	55°41'29.0"N 21°08'07.5"E			
	Berth designation "75" [F19]	55°41'23.0"N 21°08'16.0"E			
	Berth designation "80" [F19]	55°41'09.5"N 21°08'24.0"E			
	(42(6556, 6557)98 St. Petersburg; Rus CH 27007)				
52031	1Ed. 2/1/92 LAST NM 10/04				13/04
Delete	R Bn at light		36°42.3"N 4°24.8"W		
Add	Depth 49 meters enclosed by depth contour (50-meter)		36°39.9"N 4°22.3"W		
	(2(28), 38(550)03 Cadiz)				
52040	17Ed. 9/27/86 LAST NM 34/03				13/04
Delete	R Bn at light		36°42.9"N 4°24.7"W		
Add	Depth 49 meters enclosed by depth contour (50-meter)		36°39.9"N 4°22.3"W		
	(2(28), 38(550)03 Cadiz)				
52046	21Ed. 10/14/00 LAST NM 12/04				13/04
Delete	R Bn at light		36°42'50"N 4°24'49"W		
Add	Depth 20.6 meters		36°41'01"N 4°24'53"W		
	Depth 49 meters enclosed by depth contour (50-meter)		36°39'56"N 4°22'20"W		
	"Marine Farm" area bound by dashed line joining		36°42'04"N 4°21'36"W 36°42'28"N 4°21'44"W 36°42'32"N 4°21'24"W 36°42'08"N 4°21'16"W		
	Buoy Y, spar, "X" topmark, Fl Y 5s		36°42'08"N 4°21'16"W		
	(Plan)				
Delete	R Bn at light		36°42'50.0"N 4°24'53.0"W		
Add	Depth 20.6 meters		36°41'00.8"N 4°24'52.7"W		
	Buoy Y, spar, "X" topmark, Fl Y 4s [Q130.6]		36°41'34.2"N 4°25'36.1"W		
	Buoy Y, spar, "X" topmark, Fl(3) Y 10s [Q130.6]		36°41'44.4"N 4°25'26.2"W		
	Buoy Y, spar, "X" topmark, Fl(4) Y 15s [Q130.6]		36°41'52.4"N 4°25'13.5"W		
	(2(28), 25(412), 38(550), 39(566)03, 3(15)04 Cadiz)				
52122	14Ed. 1/13/01 LAST NM 14/03				13/04
Delete	Light		41°21'56.9"N 2°10'49.8"E		
	(29(465)03 Cadiz)				
53100	16Ed. 11/18/89 LAST NM 11/04				13/04
Change	Light to Fl(2) 10s 44m 16M (12(1)03 Genova)		42°35.0'N 10°05.7'E		
53120	14Ed. 7/3/99 LAST NM 11/04				13/04
Change	Light to Fl(2) 10s 44m 16M (12(1)03 Genova)		42°35.0'N 10°05.7'E		
54400	8Ed. 6/2/90 LAST NM 37/03				13/04
Substitute	Depth 21.1 meters for 27 meters		36°37.3'N 28°01.4'E		
54407	4Ed. 1/27/96 LAST NM 49/03				13/04
Add	Depth 21.1 meters		36°37.3'N 28°01.4'E		
	Depth 10.8 meters		36°36.6'N 28°01.6'E		
	(5(24)03 Istanbul)				
54409	2Ed. 7/7/84 LAST NM 12/03				13/04
(Plan D)					
Change	Height of light to 7m		36°18'30.0"N 33°53'24.0"E		
	Height of light to 7m		36°18'38.0"N 33°53'30.0"E		
	(See 8/03-54409)				
	(34(151)03 Istanbul)				
54440	4Ed. 10/5/85 LAST NM 38/03				13/04
Change	Height of light to 7m		36°18.5'N 33°53.3'E		
	Height of light to 7m		36°18.6'N 33°53.4'E		
	(34(151)03 Istanbul)				
54480	8Ed. 9/27/86 LAST NM 7/04				13/04
Change	Height of light to 7m		36°18.5'N 33°53.3'E		
	Height of light to 7m		36°18.6'N 33°53.4'E		
Add	Light Fl(2)R 5s 6m 6M		36°50.1'N 35°53.0'E		
	Superbuoy SPM [L16] Fl Y 5s HORN		36°48.3'N 35°55.8'E		
	Superbuoy SPM [L16] Fl Y 5s		36°48.0'N 35°55.2'E		
	Superbuoy SPM [L16] Fl Y 5s		36°48.5'N 35°55.2'E		
	Anchorage symbol (large vessels) [L10]		36°47.8'N 35°54.1'E		
	(5(25), 14(65), 16(77), 34(151)03 Istanbul)				
54481	8Ed. 5/25/96 LAST NM 7/04				13/04
Add	Light Fl(2)R 5s 6m 6M		36°50'08"N 35°53'01"E		
	Buoy Y, spar, "X" topmark, Fl(2)Y 5s [Q130.6]		36°49'40"N 35°53'49"E		
	Submarine pipeline [L40.1] between				
	36°50'00"N 35°53'01"E				
	36°49'40"N 35°53'49"E				
	Superbuoy SPM [L16] Fl Y 5s HORN		36°48'17"N 35°55'45"E		
	Superbuoy SPM [L16] Fl Y 5s		36°48'01"N 35°55'12"E		
	Superbuoy SPM [L16] Fl Y 5s		36°48'31"N 35°55'12"E		
	"ANCH AREA" [N12.1] bound by dashed line joining		36°48'26"N 35°53'49"E		
	36°48'26"N 35°54'23"E				
	36°47'32"N 35°54'23"E				
	36°47'32"N 35°53'49"E				
	(5(25), 14(65), 16(77)03 Istanbul)				
55040	4Ed. 7/31/99 LAST NM 9/04				13/04
Add	Position circle "SG" [T10] (40(175)03 Istanbul)		40°13.6'N 26°25.5'E		
55041	7Ed. 5/13/95 LAST NM 5/04				13/04
(Panel B)					
Add	Position circle "SG" [T10] (40(175)03 Istanbul)		40°13'38.4"N 26°25'31.2"E		
55048	12Ed. 9/9/00 LAST NM 8/04				13/04
(Panel A)					
Add	Position circle "SG" [T10] (40(175)03 Istanbul)		41°09'19.2"N 29°02'06.0"E		
55101	4Ed. 8/24/96 LAST NM 11/04				13/04
Add	Buoy Y, pillar, "X" topmark		46°49'56"N 31°55'17"E		
	Buoy Y, pillar, "X" topmark		46°50'22"N 31°55'49"E		
	(46(7558)03 St. Petersburg)				
55102	3Ed. 8/10/96 LAST NM 6/04				13/04
Add	Buoy Y, pillar, "X" topmark		46°35'46"N 31°42'33"E		
	Buoy Y, pillar, "X" topmark		46°35'46"N 31°43'11"E		
	(46(7556)03 St. Petersburg)				

SECTION I

NM 13/04

55103	2Ed. 4/6/96 LAST NM 6/04 Add Stranded wreck [K24] 44°36'28.0"N 33°26'19.0"E Depth 24 meters Obstn [K41] 44°36'56.5"N 33°28'26.0"E Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s 44°36'56.9"N 33°33'46.0"E (46(7562-7564)03 St. Petersburg)	13/04	62411	1Ed. 5/23/98 LAST NM 10/04 Delete Buoy (mooring) 25°54'44.0"N 51°36'10.0"E Buoy (mooring) 25°54'36.0"N 51°36'35.0"E (4/04 MENAS)	13/04
55104	2Ed. 4/20/96 LAST NM 6/04 Add Stranded wreck [K24] 44°36'28"N 33°26'19"E (46(7564)03 St. Petersburg)	13/04	62417	1Ed. 5/23/98 LAST NM 10/04 Delete Buoy (mooring) 25°54'44.0"N 51°36'10.0"E Buoy (mooring) 25°54'36.0"N 51°36'35.0"E (4/04 MENAS)	13/04
55128	2Ed. 3/18/00 LAST NM 11/04 (Plan) Delete Legend "Piles" 44°43'40.0"N 37°46'53.0"E Add Light F G 2M 44°43'36.9"N 37°46'55.1"E Land tint to area bound by shore and solid line [F13] joining 44°43'43.5"N 37°46'47.5"E 44°43'38.2"N 37°46'54.4"E 44°43'37.6"N 37°46'53.6"E 44°43'38.8"N 37°46'52.0"E and delete solid line (pier), piles (4) and blue tint within above area Solid line (pier) [F14] between 44°43'36.9"N 37°46'55.1"E 44°43'37.9"N 37°46'54.0"E (48(7922)03 St. Petersburg)	13/04	62498	4Ed. 12/8/01 LAST NM 31/03 Add Buoy BY, pillar, double cone topmark points upward, Q 25°17'30"N 55°10'00"E Buoy YBY, pillar, double cone topmark points together, Q(9) 15s 25°13'12"N 55°06'36"E Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s 25°14'42"N 55°14'06"E Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s 25°09'18"N 55°09'48"E Legend "Reclamation in progress (2003)" centered 25°13'50"N 55°10'10"E (48(5208)03, 3(303)04 Taunton)	13/04
55170	2Ed. 10/5/96 LAST NM 9/04 Add Foul ground symbol [K31] 43°08.5'N 40°20.3"E (45(7054)98 St. Petersburg)	13/04	74015	10Ed. 10/21/95 LAST NM 8/04 Add Submarine pipeline [L40.1] with legend "Gas" joining 20°35.1'S 116°46.6"E 20°32.3'S 116°45.9"E 20°26.8'S 116°47.1"E 20°24.1'S 116°46.4"E 20°04.8'S 116°33.8"E 19°37.5'S 116°11.5"E 19°35.0'S 116°08.3"E (22(720)03 Wollongong)	13/04
62028	15Ed. 2/15/97 LAST NM 10/03 Add Anchorage symbol (large vessels) [N10] 22°38.4'N 59°28.4'E (1(1)04 Muscat)	13/04	74017	4Ed. 10/21/95 LAST NM 38/03 Substitute Depth 4.3 meters for 3.8 meters 20°33'37.0"S 116°44'35.0"E Add Depth 6.6 meters 20°33'10.2"S 116°43'54.0"E Submarine pipeline [L40.1] with legend "GAS CAUTION NO 1" joining 20°35'01.5"S 116°46'40.1"E 20°34'34.9"S 116°46'28.4"E 20°33'43.7"S 116°46'26.0"E 20°32'45.4"S 116°45'55.9"E 20°29'47.0"S 116°47'03.0"E 20°26'44.5"S 116°47'11.4"E 20°24'01.3"S 116°46'31.0"E 20°22'40.7"S 116°45'38.9"E 20°21'57.9"S 116°44'57.1"E 20°18'13.3"S 116°42'32.1"E (See 21/96-74017) (22(720), 23(753)03 Wollongong)	13/04
62271	5Ed. 8/27/88 LAST NM 10/03 Add Buoy "S-7" G, conical, Fl(2) G 5s 16°33'21"N 42°22'31"E (28(2956)03 Taunton)	13/04	74020	4Ed. 2/10/96 LAST NM 38/03 Delete Danger circle 20°34'15"S 116°45'36"E Substitute Depth 6.6 meters for 7.3 meters 20°33'10"S 116°43'54"E Depth 4.3 meters for 3.8 meters 20°33'37"S 116°44'37"E Depth 3.9 meters for 5 meters 20°33'10"S 116°45'20"E Add Submarine pipeline [L40.1] with legend "CAUTION NO 4" joining 20°35'02"S 116°46'40"E 20°34'35"S 116°46'28"E 20°33'44"S 116°46'26"E 20°32'15"S 116°45'56"E 20°29'47"S 116°47'03"E 20°26'45"S 116°47'11"E 20°24'01"S 116°46'31"E 20°17'22"S 116°41'59"E 20°04'50"S 116°33'49"E 19°57'03"S 116°26'56"E 19°50'59"S 116°22'56"E 19°50'02"S 116°22'04"E (22(720), 23(753)03 Wollongong)	13/04
62340	3Ed. 12/12/98 LAST NM 38/02 Add Anchorage symbol (large vessels) [N10] 22°38.4'N 59°28.4'E (1(1)04 Muscat)	13/04			
62350	3Ed. 2/17/96 LAST NM 10/03 Add Anchorage symbol (large vessels) [N10] 22°38.4'N 59°28.4'E (1(1)04 Muscat)	13/04			
62400	17Ed. 9/23/95 LAST NM 31/03 Add Buoy BY, pillar, double cone topmark points upward, Q 25°17'30"N 55°10'00"E Buoy YBY, pillar, double cone topmark points together, Q(9) 15s 25°13'12"N 55°06'36"E Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s 25°14'42"N 55°14'06"E Legend "Reclamation in progress (2003)" centered 25°13'50"N 55°10'10"E (48(5208)03, 3(303)04 Taunton)	13/04			
62406	2Ed. 5/13/95 LAST NM 9/04 Add Buoy BY, pillar, double cone topmark points upward, Q 25°17'30"N 55°10'00"E Buoy YBY, pillar, double cone topmark points together, Q(9) 15s 25°13'12"N 55°06'36"E Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s 25°14'42"N 55°14'06"E Legend "Reclamation in progress (2003)" centered 25°13'50"N 55°10'10"E (48(5208)03, 3(303)04 Taunton)	13/04			

SECTION I

74021	7Ed. 6/7/97 LAST NM 35/03 Add Submarine pipeline [L40.1] with legend “Gas” joining	13/04 20°35.1'S 116°46.6'E 20°32.3'S 116°45.9'E 20°29.9'S 116°47.0'E 20°26.8'S 116°47.1'E 20°24.1'S 116°46.4'E 20°04.8'S 116°33.8'E 19°37.5'S 116°11.5'E 19°35.0'S 116°08.3'E (22(720)03 Wollongong)	Depth 14.7 meters Wk [K26] (51(1110, 1111)03 Tianjin)	23°25.9'N 117°11.6'E
74152	11Ed. 7/29/95 LAST NM 1/04 Add Beacon YBY, double cone topmark points together, Q(9) 15s [Q130.3]	13/04 32°55'18.5"S 151°46'23.3"E (23(744)03 Wollongong)		
74240	8Ed. 7/22/95 LAST NM 46/03 Delete Wreck (Supersedes 41/03-74240) (21(699)03 Wollongong)	13/04 18°40.2'S 146°54.8'E		
74253	6Ed. 5/10/97 LAST NM 10/04 Add Dangerous wreck [K28] (22(731)03 Wollongong)	13/04 17°07'21"S 146°18'57"E		
74265	2Ed. 7/12/97 LAST NM 10/04 Add Dangerous wreck [K28] (22(731)03 Wollongong)	13/04 17°07.4'S 146°19.0"E		
74393	9Ed. 10/30/99 LAST NM 39/03 Add Dangerous wreck [K28] marked by buoy Y, spar, Fl(3) Y 6s (24(811)03 Wollongong)	13/04 12°23.38'S 130°46.28"E		
74394	2Ed. 10/3/98 LAST NM 39/03 Add Dangerous wreck [K28] marked by buoy Y, spar, Fl(3) Y 6s (24(811)03 Wollongong)	13/04 12°23'22.8"S 130°46'16.8"E		
74510	2Ed. 9/13/97 LAST NM 38/03 Delete Danger circle	13/04 20°34.3'S 116°45.6'E		
	Substitute Depth 4.3 meters for 3.8 meters	20°33.6'S 116°44.6'E		
Add	Submarine pipeline [L40.1] with legend “GAS (See Note)” joining	20°35.1'S 116°46.6'E 20°32.3'S 116°45.9'E 20°29.9'S 116°47.0'E 20°26.8'S 116°47.1'E 20°24.1'S 116°46.4'E 20°04.8'S 116°33.8'E 19°37.5'S 116°11.5'E 19°35.0'S 116°08.2'E (22(720), 23(753)03 Wollongong)		
75251	5Ed. 8/30/97 LAST NM 40/03 Delete Range beacons, range line and legend “Bns 151°23” between	13/04 35°09'01"S 150°44'59"E 35°05'02"S 150°42'18"E Legend “2 Bns” (23(743)03 Wollongong)		
75261	6Ed. 5/10/97 LAST NM 1/04 Delete Range beacons, range line and legend “Bns 151°23” between	13/04 35°09'01"S 150°44'59"E 35°05'02"S 150°42'18"E Legend “2 Bns” (23(743)03 Wollongong)		
93730	3Ed. 6/29/96 LAST NM 49/03 Add Depth 17 meters Wk [K26] (51(1110)03 Tianjin)	13/04 23°00.5'N 116°35.7"E		
94040	13Ed. 10/4/97 LAST NM 51/03 Add Depth 17 meters Wk [K26]	13/04 23°00.5'N 116°35.7"E		
94042	9Ed. 5/25/96 LAST NM 8/04 (Panel B)		Depth 14.7 meters Wk [K26] (51(1111)03 Tianjin)	13/04 23°25'55"N 117°11'34"E
94060	10Ed. 5/18/96 LAST NM 11/04 Add Depth 5 meters Wk [K26] “Rep (2003)” (PA)			13/04 24°15.6'N 118°16.9'E (51(1118)03 Tianjin)
94061	5Ed. 4/27/96 LAST NM 11/04 Add Depth 5 meters Wk [K26] “Rep (2003)” (PA)			13/04 24°15'36"N 118°16'54"E (51(1118)03 Tianjin)
94160	7Ed. 3/23/96 LAST NM 6/04 Add Stranded wreck [K24] (PA)			13/04 25°31.0'N 119°53.8'E (51(1115)03 Tianjin)
94165	4Ed. 11/30/96 LAST NM 43/03 Delete Buoy (Supersedes 24/03-94165) (52(1134)03 Tianjin)			13/04 26°01'17.0"N 119°29'23.1"E
94282	9Ed. 6/6/98 LAST NM 7/04 Change Buoy to pillar, double ball topmark (See 7/04-94282)			13/04 35°59'51"N 120°24'16"E
	Add Dangerous wreck [K28] Depth 8.9 meters Wk [K26] (52(1129, 1130, 1137)03 Tianjin)			35°59'45"N 120°24'21"E 36°03'53"N 120°14'03"E
94283	7Ed. 5/25/96 LAST NM 7/04 Change Buoy to pillar, double ball topmark (See 7/04-94283)			13/04 35°59'51.0"N 120°24'15.9"E
	Add Dangerous wreck [K28] Depth 8.9 meters Wk [K26] (52(1129, 1130, 1137)03 Tianjin)			35°59'44.7"N 120°24'20.8"E 36°03'53.1"N 120°14'02.8"E
95320	15Ed. 6/28/97 LAST NM 10/04 Add Fish haven symbol [K46.1] (1(1)04 Tokyo)			13/04 34°22'20"N 130°51'32"E
95341	8Ed. 2/22/97 LAST NM 10/04 Add Fish haven symbol [K46.1] (1(1)04 Tokyo)			13/04 34°22'20"N 130°51'32"E
95342	16Ed. 2/3/96 LAST NM 10/04 Add Double solid line with land tint (breakwater) [F4.1] joining (See 9/03-95342) (1(6)04 Tokyo)			13/04 33°56'54.8"N 130°46'01.5"E 33°56'56.2"N 130°45'59.0"E 33°56'56.2"N 130°45'58.2"E
97204	9Ed. 2/12/94 LAST NM 47/03 Add Fish haven symbol [K46.1] Fish haven symbol [K46.1] (4(96)04 Tokyo)			13/04 34°33'11.0"N 134°46'00.0"E 34°33'03.0"N 134°46'00.0"E
97206	3Ed. 10/18/03 LAST NM 50/03 Add Fish haven symbol [K46] (4(97)04 Tokyo)			13/04 34°44'08.0"N 134°45'16.0"E
97219	4Ed. 12/20/97 LAST NM 47/03 Add Fish haven symbol [K46.1] Fish haven symbol [K46.1] Fish haven symbol [K46.1]			13/04 34°33'11.0"N 134°46'00.0"E 34°33'03.0"N 134°46'00.0"E 34°44'08.0"N 134°45'16.0"E

(continued on next page)

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97219	(Continued)				
	Solid line (breakwater) [F4.1] between				
		34°40'47.8"N 134°32'22.3"E 34°40'45.9"N 134°32'28.5"E			21°15'32"N 158°05'34"W 21°15'34"N 158°05'30"W
(4(96-98)04 Tokyo)				Note: Area extends beyond chart border	
97221	20Ed. 1/17/98 LAST NM 11/04		13/04		
Add	Fish haven symbol [K46.1]	34°33'11"N 134°46'00"E		Legend "Obstn"	21°16'14"N 158°04'46"W
(4(96)04 Tokyo)				(5/04 CG14)	
97236	20Ed. 10/17/98 LAST NM 41/03		13/04		
Change	Buoy to "No 1" G, pillar, (G Lt)	34°29'01.0"N 133°41'58.0"E			
(4(100)04 Tokyo)					
97246	7Ed. 3/28/98 LAST NM 5/03		13/04		
Delete	Designation "No 4" from buoy	34°29'52.0"N 133°42'13.0"E			
Change	Buoy to "No 1" G, pillar, (G Lt)	34°29'01.0"N 133°41'58.0"E			
	Buoy to "No 3" G, pillar, (G Lt)	34°29'52.0"N 133°42'00.0"E			
	Buoy to "No 9" Y, pillar, (Y Lt)	34°31'30.0"N 133°42'10.0"E			
	Shape of buoy "No 7" to pillar	34°30'35.0"N 133°42'13.0"E			
	Shape of buoy "No 8" to pillar	34°31'08.0"N 133°42'14.0"E			
	Shape of buoy "No 10" to pillar	34°31'21.0"N 133°42'14.0"E			
(4(100)04 Tokyo)					
97261	15Ed. 1/31/98 LAST NM 1/04		13/04		
Add	Fish haven symbol [K46.1]	34°12'22"N 132°51'25"E			
	Fish haven symbol [K46.1]	34°09'30"N 132°45'49"E			
	Fish haven symbol [K46.1]	33°59'01"N 132°38'46"E			
(4(101, 102), 5(128)04 Tokyo)					
97262	10Ed. 1/24/98 LAST NM 2/04		13/04		
Add	Fish haven symbol [K46.1]	34°12'22.0"N 132°51'25.0"E			
(4(101)04 Tokyo)					
97267	16Ed. 2/21/98 LAST NM 9/04		13/04		
Delete	Buoy	34°07'02"N 132°12'33"E			
	Buoy	34°07'12"N 132°12'27"E			
	Buoy	34°07'15"N 132°12'24"E			
Add	Fish haven symbol [K46.1]	33°58'23"N 132°29'55"E			
(1(5), 5(129)04 Tokyo)					
97270	6Ed. 2/17/96 LAST NM 7/04		13/04		
Delete	Buoy	34°07'02.0"N 132°12'30.0"E			
	Buoy "2"	34°07'09.0"N 132°12'27.0"E			
	Buoy "1"	34°07'15.0"N 132°12'24.0"E			
(1(5)04 Tokyo)					
97272	11Ed. 6/14/97 LAST NM 9/04		13/04		
Add	Fish haven symbol [K46.1]	33°56'54"N 131°55'13"E			
	(Plan)				
Add	Fish haven symbol [K46.1]	33°56'54.0"N 131°55'13.0"E			
(4(103)04 Tokyo)					
97277	11Ed. 11/27/93 LAST NM 1/04		13/04		
Add	Fish haven symbol [K46.1]	33°27'26"N 132°13'22"E			
(5(130)04 Tokyo)					
97420	17Ed. 9/20/97 LAST NM 1/04		13/04		
Add	Fish haven symbol [K46.1]	34°22.3'N 130°51.5'E			
(1(1)04 Tokyo)					
805647	2Ed. 8/4/90 LAST NM N8/04		N13/04		
Add	Buoy (mooring) [Q40]	21°16'26"N 158°06'02"W			
	Buoy (mooring) [Q40]	21°15'32"N 158°05'34"W			
	"SECURITY ZONE" bound by purple dashed line joining	21°16'39"N 158°05'30"W 21°16'26"N 158°06'02"W			

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Chart 11353

NM 13/04

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62	35.0 28.0	38.0 34.0	29.0 26.0	600 500	7-03;1-04 6,7,8,10-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11363

NM 13/04

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	35.0 28.0 26.0 26.0 26.0	38.0 34.0 31.0 28.0	29.0 26.0 21.0 29.0	600 500 500 500	7-03;1-04 6,7,8,10-03 6,9-03;1-04 8-03;1-04
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11364

NM 13/04

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	35.0 28.0 26.0 26.0 26.0	38.0 34.0 31.0 28.0	29.0 26.0 21.0 29.0	600 500 500 500	7-03;1-04 6,7,8,10-03 6,9-03;1-04 8-03;1-04
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

SECTION I

Chart 11369

NM 13/04

MISSISSIPPI RIVER - GULF OUTLET CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	35.0	36.0	29.0	600	7-03;1-04
	28.0	34.0	26.0	500	6,7,8,10-03
	26.0	31.0	21.0	500	6,9-03;1-04
	26.0	28.0	29.0	500	8-03;1-04
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11478

NM 13/04

PORT CANAVERAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2003 AND SURVEYS TO SEP 2003						PROJECT DIMENSIONS		
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER REACH	43.3	43.9	43.5	42.9	8-03	400	5.5	44
MIDDLE REACH	40.0	43.7	39.8	33.9	9-03	400	0.9	44
INNER REACH	37.8	41.6	40.9	37.8	4-03	400	0.8	40
WEST ACCESS CHANNEL (EAST PORTION)	37.8	40.6	41.0	39.1	4-03	400	0.3	39
WEST ACCESS CHANNEL (WEST PORTION)	30.5	34.4	35.1	34.6	4-03	400	0.3	31
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11481

NM 13/04

PORT CANAVERAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2003 AND SURVEYS TO SEP 2003						PROJECT DIMENSIONS		
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER REACH	43.3	43.9	43.5	42.9	8-03	400	5.5	44
MIDDLE REACH	40.0	43.7	39.8	33.9	9-03	400	0.9	44
INNER REACH	37.8	41.6	40.9	37.8	4-03	400	0.8	40
WEST ACCESS CHANNEL (EAST PORTION)	37.8	40.6	41.0	39.1	4-03	400	0.3	39
WEST ACCESS CHANNEL (WEST PORTION)	30.5	34.4	35.1	34.6	4-03	400	0.3	31
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 13/04

Chart 12222

NM 13/04

NORFOLK HARBOR AND APPROACHES TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)							
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350	13.0 55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650	13.0 55
NORTH AUXILIARY CHANNEL (D)						450	32
SOUTH AUXILIARY CHANNEL (D)						450	32
NORFOLK HARBOR							
ENTRANCE REACH	50.3	51.5	52.9	52.0	4-99	1000	1.4 50
NORFOLK HARBOR REACH	50.8	50.9	46.1	45.4	2-03	1250-800	3.8 55
CRANEY ISLAND REACH	48.1	51.2	50.8	46.2	2-03	800	2.1 55
LAMBERTS BEND	39.4	45.5	40.2	39.8	7-03	750	0.3 45
PORT NORFOLK REACH	39.0	40.1	40.6	38.4	7-03	750	2.0 45
NEWPORT NEWS CHANNEL	48.7	50.7	50.7	50.4	2-08	800	4.2 55
CAPE HENRY CHANNEL	47.4	52.3	52.5	49.3	1,12-02	1000	4.0 50
YORK SPIT CHANNEL	45.1	49.4	49.5	47.2	11-89;2-00;9,11-02	1000(E)	18.4 50
A. THIS CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. B. PORTION OF PROJECT MAINTAINED TO 45 FEET C. PORTION OF PROJECT MAINTAINED TO 50 FEET D. PROJECT MAINTENANCE DISCONTINUED E. CHANNEL WIDTH MAINTAINED TO 800 FEET							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 12253

NM 13/04

ELIZABETH RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
CRANEY ISLAND REACH	48.1	51.2	50.8	46.2	2-03	800	2.1 55
LAMBERTS BEND	39.4	45.5	40.2	39.8	7-03	750	0.3 45
PORT NORFOLK REACH	39.0	40.1	40.6	38.4	7-03	750	2.0 45
TOWN POINT REACH	38.7	39.8	39.8	39.4	7-03	750	0.6 45
SOUTHERN BRANCH:							
LOWER REACH	37.2	39.7	40.0	39.3	7-03	450-800	1.7 45
MIDDLE REACH	37.7	40.5	41.0	37.2	7-03	375	0.9 45
UPPER REACH	33.1	34.8	35.4	31.1	3-02	250-500	2.7 35
TURNING BASIN	34.7	35.7	35.0	33.4	3-02	600	0.1 35
THENCE TO A POINT 100 YARDS SOUTH OF LIGHT "30"	27.1	29.8	30.5	28.8	3-02	250	1.1 35
TURNING BASIN AT MAINS CREEK	28.4	30.4	29.0	28.3	3-02	800	0.2 35
THENCE TO A POINT 100 YARDS NORTH OF N & P B L RR BRIDGE	25.5	29.8	29.2	26.7	3-02	250	0.2 35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

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NM 13/04

Chart 18521

NM 13/04

COLUMBIA RIVER CHANNEL DEPTHS ENTRANCE TO MILLER SANDS RANGE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 31, 2003								
NAME OF CHANNEL	* SEE FOOTNOTES				DATE OF SURVEY	PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER		WIDTH (FEET)	LENGTH (STAT. MILES)	
DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	
ENTRANCE RANGE	58	57	55	43	10-03	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	49	52	53	44	10-03	2640	2.2	48
LOWER DESDEMONA SHOAL	45	46	42	38	12-03	600	3.4	40
UPPER DESDEMONA SHOAL	42	43	47	45	12-03	600	3.6	40
TANSY POINT TURN AND RANGE	40	41	40	37	12-03	600	4.8	40
ASTORIA RANGE	42	42	43	41	12-03	600	2.7	40
TONGUE POINT CHANNEL	40	42	42	41	12-03	600	2.2	40
HARRINGTON POINT RANGE	39	41	41	37	11,12-03	600	2.6	40
MILLER SANDS RANGE	41	43	41	36	11-03	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE
TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18523

NM 13/04

COLUMBIA RIVER CHANNEL DEPTHS MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 31, 2003								
NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE				DATE OF SURVEY	PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER		WIDTH (FEET)	LENGTH (STAT. MILES)	
DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	DEPTH CRD (FEET)	
MILLER SANDS RANGE	41	43	41	36	11-03	600	2.2	40
PILLAR ROCK LOWER RANGE	37	40	41	37	11-03	600	3.0	40
PILLAR ROCK UPPER RANGE	36	42	40	40	11,12-03	600	1.9	40
WELCH ISLAND REACH	40	43	44	38	12-03	600	3.2	40
SKAMOKAWA CHANNEL	29	41	43	37	12-03	600	3.3	40
STEAMBOAT REACH	47	48	45	43	12-03	600	1.4	40
PUGET ISLAND RANGE AND TURN	41	42	42	37	12-03	600	3.5	40
WAUNA RANGE	37	39	42	41	12-03	600	2.2	40
DRISCOLL RANGE	37	39	40	40	12-03	600	1.7	40
WESTPORT TURN AND RANGE	37	42	42	43	11-03	600	2.0	40
WESTPORT CHANNEL	40	43	42	42	8,11-03	600	2.4	40
EUREKA LOWER CHANNEL	42	43	43	43	8-03	600	2.1	40
EUREKA UPPER CHANNEL	42	42	42	41	8-03	600	0.8	40
OAK POINT CHANNEL	45	46	44	43	12-03	600	2.4	40
GULL I TURN AND CHANNEL	46	44	40	33	12-03	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION

SECTION I

Chart 18524 (Left Panel)

NM 13/04

COLUMBIA RIVER CHANNEL DEPTHS GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 31, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET)
GULL I TURN AND CHANNEL	46	44	40	33	12-03	600 2.2 40
STELLA RANGE	38	42	41	39	12-03	600 2.8 40
FISHER I CHANNEL	39	41	42	38	12-03	600 0.9 40
WALKER I CHANNEL	37	41	41	36	12-03	600 1.5 40
BARLOW PT. CHANNEL	45	44	41	39	12-03	600 1.3 40
SLAUGHTERS CHANNEL	37	41	38	36	11-03	600 2.3 40
SLAUGHTERS TURN AND CHANNEL						
OPPOSITE THE TURNING BASIN	39	39	39	40	11-03	600 1.7 40
COTTONWOOD ISLAND LOWER RANGE	41	43	42	43	12-03	600 1.7 40
COTTONWOOD ISLAND TURN	43	42	38	38	12-03	600 2.7 40
COTTONWOOD ISLAND UPPER RANGE						
KALAMA LOWER RANGE	42	40	39	35	12-03	600 1.8 40
KALAMA UPPER RANGE	40	42	39	39	12-03	600 2.2 40
BYBEE LEDGE CHANNEL	41	41	41	39	12-03	600 2.1 40
MARTIN ISLAND CHANNEL	40	40	39	39	12-03	600 2.1 40
MARTIN ISLAND RANGE	41	41	42	40	12-03	600 1.4 40
COLUMBIA CITY CHANNEL	40	40	40	40	12-03	600 1.2 40
ST. HELENS RANGE	39	41	41	40	11-03	600 2.0 40
ST. HELENS TURN	41	42	43	42	11-03	600 1.7 40

* CONTROLLING DEPTHS ROUNDED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18525

NM 13/04

COLUMBIA RIVER CHANNEL DEPTHS SAINT HELENS TURN TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF DECEMBER 31, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET)
ST. HELENS TURN	41	42	43	42	11-03	600 1.7 40
WARRIOR ROCK RANGE	40	42	42	40	10-03	600 1.3 40
DUCK CLUB TURN	37	42	43	40	10-03	600 1.4 40
HENRICO RANGE	40	41	37	39	11-03	600 2.6 40
FALES CHANNEL	43	43	42	39	11-03	600 1.1 40
KNAPP POINT CHANNEL	39	41	41	38	11-03	600 1.8 40
WILLOW LOWER RANGE	40	41	42	39	11-03	600 2.1 40
WILLOW UPPER RANGE	41	43	40	45	11-03	600 1.1 40
MORGAN TURN	43	45	49	47	11-03	600 1.0 40
MORGAN CHANNEL	46	44	42	41	11-03	600 1.5 40
VANCOUVER LOWER CHANNEL	46	47	48	51	11-03	500 1.0 40
VANCOUVER RANGE	40	42	42	41	11-03	500 1.3 40
VANCOUVER UPPER CHANNEL	42	42	41	38	11-03	500 0.9 40
VANCOUVER LOWER TURNING BASIN	36	38	41	31	11-03	800 1.0 40
VANCOUVER UPPER TURNING BASIN	32	26	26	23	11-03	800 0.9 35
TOMAHAWK BAR	18	18	18	17	11-03	300 3.7 27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 13/04

Chart 18526

NM 13/04

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 31, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET)
MORGAN CHANNEL	46	44	42	41	11-03	600 1.5 40
VANCOUVER LOWER CHANNEL	46	47	48	51	11-03	500 1.0 40
VANCOUVER RANGE	40	42	42	41	11-03	500 1.3 40
VANCOUVER UPPER CHANNEL	42	42	41	38	11-03	500 0.9 40
VANCOUVER LOWER TURNING BASIN	36	38	41	31	11-03	800 1.0 40
VANCOUVER UPPER TURNING BASIN	32	26	26	23	11-03	800 0.9 35
TOMAHAWK BAR	18	18	18	17	11-03	300 3.7 27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18531 (Lower Panel)

NM 13/04

COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 31, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES) DEPTH CRD (FEET)
TOMAHAWK BAR	18	18	17	11-03	300	3.7 27
AIRPORT BAR	17	18	17	10-03	300	2.8 27
GOVERNMENT ISLAND LOWER RANGE	14	17	16	10-03	300	1.1 27
GOVERNMENT ISLAND MIDDLE RANGE	15	16	16	10-03	300	1.6 27
FISHER QUARRY CHANNEL RANGE	29	26	21	10-03	300	1.0 27
GOVERNMENT ISLAND RANGE	25	29	26	10-03	300	1.1 27
GOVERNMENT ISLAND UPPER RANGE	17	18	23	10-03	300	0.8 27
LADY ISLAND RANGE	19	21	24	10-03	300	2.1 27
LADY ISLAND CHANNEL AND UPPER RANGE	26	30	20	10-03	300	0.9 27
WASHOUGAL LOWER RANGE	22	28	30	10-03	300	1.5 27
WASHOUGAL UPPER RANGE	18	29	29	10-03	300	1.1 27
GARY ISLAND RANGE	17	17	17	10-03	300	0.9 27
REED ISLAND RANGE	17	17	15	10-03	300	2.2 27
TUNNEL POINT CHANNEL	24	25	26	10-03	300	0.8 27
ROOSTER ROCK CHANNEL	26	23	25	10-03	300	1.2 27
CAPE HORN CHANNEL	34	32	31	10-03	300	2.4 27
CANDIANA CHANNEL	16	38	36	10-03	300	1.0 27
FASHION REEF LOWER RANGE	12	19	21	10-03	300	2.2 27
MULTNOMAH FALLS BAR RANGE	13	23	16	10-03	300	1.3 27
MULTNOMAH FALLS TURN	12	20	21	10, 11-03	300	0.8 27
MULTNOMAH FALLS UPPER RANGE	18	21	24	11-03	300	3.2 27
MCGOWANS CHANNEL	39	34	25	11-03	300	1.1 27
WARRENDALE LOWER RANGE	20	22	23	11-03	300	0.9 27
WARRENDALE UPPER RANGE	21	28	22	11-03	300	0.8 27
HAMILTON ISLAND REACH	21	30	27	11-03	300	0.9 27
ENTRANCE TO BONNEVILLE LOCKS	22	22	22	3-00	300	0.6 27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 13/04

Chart 18584

NM 13/04

UMPOUA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2002 AND SURVEYS TO OCT 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (AUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL TO LT. 21	18	17	18	9-02; 9, 10-03	200 7.0 26-22
LT. 21 TO REEDSPORT	17	19	17	5-02; 9, 10-02	200 2.7 22
REEDSPORT TURNING BASIN	25	24	24	5-02; 10-02	600 0.2 22
LT. 21 TO GARDINER	12	13	11	10-01	200 1.15 22
GARDINER TURNING BASIN	5	2	2	10-01	500 0.2 22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
20	3	18/03	11301	23	16,24,32/03;1,7/04	11363	39	47*,50,51/03;1,4,5,6,12, 13/04	11476	19	6,34/03
21	4	4/04	11302	30	48/03*,1,7/04	11364	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35,43, 50,51/03;1,4,6,13/04	11478	20	32*,50,52/03;13/04
22	1	18/03;4/04	11304	12	5/04	11366	8	52/03*;1,3,5,7,11,12, 13/04	11479	4	N6,N23,N25,N31,N34, N40,N52/03
50	6	32*,34,40,50/03	11305	1	N6,N7,N32/03;N1, N13/04	11367	32	38*,45,46,51/03	11480	38	30/03*
53	2	34,50/03	11307	36	22,24,27,35,52/03;1/04	11368	22	19,21,23,30,33,34,35,45, 46,51,52/03	11481	4	6,12,13,19,28,34,50, 52/03;13/04
70	4	7,34/03	11308	22	3*,7,10,23,25,32/03; 13/04	11369	44	9*,18,19,21,27,43,50/03; 1,6,13/04	11482	22	11/04*
71	4	7,34/03	11309	37	49*,50/03;1,13/04	11370	24	38/03*,4,13/04	11483	33	22/03*
72	4	7/03	11310	1	N22,N23,N32/03;N1, N12/04	11371	36	35*,48/03;4,6,12/04	11486	15	36/03*
73	4	34/03	11311	23	26/03;1,12/04	11372	30	7,8,10,19,23,24,26,27,31, 42,44/03;4,7,12/04	11488	24	7,17,50/03
103	5	16/03;9/04	11312	3	6,7,22,23,32/03;1,13/04	11373	43	48*,49/03;1,3,4,5,7/04	11489	34	8*,12,20,22,31,50,52/03
108	9	34,39/03	11313	22	22,27,36,52/03;3/04	11374	32	2*,7/04	11490	17	50/03
120	6	39/03	11314	22	17*,21,22,32/03;12/04	11375	35	5,7,9,20,23,24,27,29,47, 51/03;1,7/04	11491	33	12,30,34,50,52/03
124	10	18,34,39/03	11315	31	48/03*	11376	49	48*,49/03;5,7,11/04	11493	9	N12,N20,N22,N31/03
125	7	21/03	11316	39	17*,22,26,29,34/03;1/04	11377	5	38*,44/03;7/04	11494	8	N22/03
126	39	21/03	11317	30	12/04*	11378	32	11*,12,18,20,21,22,24, 26,30,38,52/03;7,13/04	11496	9	N17,N19,N34/03;N5/04
145	16	39/03	11318	1	N6,N24,N25,N44, N50/03;N1,N13/04	11379	50	52/03*;13/04	11502	28	14,17,20,22,50,52/03
200	3	37/03	11319	31	17*,19,20,25,26,29,30, 34/03	11380	39	9,25,26,37,52/03;13/04	11503	40	2/04*
204	4	4/04	11320	1	N22,N23,N24,N52/03	11381	34	2*,13/04	11504	15	12,22/03
211	5	4/04	11321	29	23,31,34/03;7,10,13/04	11382	39	5,7,9,20,23,24,27,29,47, 51/03;1,7/04	11505	1	4,5,11,22,34,43,51/03
301	1	14,21,24/03	11322	28	19*,20,23,30,34,35,42, 47/03;1,7/04	11383	50	52/03*;13/04	11506	40	10*,19,22,28,34,43,51, 52/03
310	20	14,21,24,52/03;6/04	11323	60	47*,49,51/03;1,3,5,6, 9/04	11384	34	2*,13/04	11507	31	9*,12,20/03
400	3	29,33,34/03;6/04	11324	33	47*,49,52/03;1/04	11385	25	49/03	11508	21	10/03*
401	5	14,29,33,34,44/03;6/04	11325	35	26*,38,42,47/03;1/04	11386	16	24,34/03	11509	27	11,24/03
411	49	19*,22,23,24,25,26,29, 30,31,33,44,52/03;1,5, 6/04	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38,45,46, 52/03;1,2,4,6,7/04	11387	32	7,3,24,51/03;2,7,13/04	11511	16	11/03
500	8	32*,34,41/03	11327	31	46*,52/03;1/04	11388	21	30*,34/03	11512	59	10*,11,15,20,22,24,34, 43,51/03
501	12	9*,10,18,21,22,24,40, 41/03;4,6,11/04	11328	23	43*,52/03;1,2,4,6,7/04	11389	32	7,3,24,51/03;2,7,13/04	11513	23	24,50/03
502	2	40,44/03;11/04	11329	35	48*,49,52/03;2,6,7/04	11390	22	7,21,30,32,50,51/03;2,3, 7/04	11514	26	4,5,15,22,24,34,43,51/03
503	4	1/04	11330	15	50*,51/03;1,2,4,5,6,7,10, 13/04	11391	23	2*,3,7/04	11515	30	43*,50/03
510	3	40/03	11331	19	12/04*	11392	6	21,32,50/03;3/04	11516	17	24/03
512	2	11/04	11332	28	6,17,19,20,23,25,31,34, 35,37,47,52/03;1,2,4,5,6, 12/04	11393	20	30,35,42,52/03;13/04	11517	33	14*,19,28,50/03
513	6	34,50/03	11333	31	46*,52/03;1/04	11394	34	9,11,12,13/03	11518	12	28/03*
520	127	34,40,41/03;4,11/04	11334	23	43*,52/03;1,2,4,6,7/04	11395	14	27/03	11519	41	38*,39,50/03;1,2,5,7, 8/04
521	11	34,50/03;11/04	11335	35	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10, 13/04	11396	41	6,7,11,12,13,14,20/03; 13/04	11521	26	9,19,24,28,34,39/03
523	8	34,50/03;11/04	11336	39	14*,17,21,22,23,25,31, 34,37,38,47,52/03;1,2,3, 4,5,6,12,13/04	11397	16	12,13/04	11522	19	39/03
524	12	34/03	11337	38	27*,29,31,34,35,42,46, 47/03;1,6,13/04	11398	27	20*,21,22,25,52/03	11523	21	5,9,19,24,28,34/03
525	3	40/03	11338	28	6,17,19,20,23,25,31,34, 35,37,47,52/03;1,2,4,5,6, 12/04	11399	7	N4,N8,N15,N21,N22, N25,N52/03	11524	46	8*,11,12,13,15,17,19,20, 22,28,34,43/03
526	10	6/03	11339	35	9*,19,22,23,26,27,29,31, 34,38,43,46,47/03;4,5, 9/04	11400	14	6,11,12,14,20,50/03	11525	6	N4,N6,N8,N24,N39, N50/03;1,N1,N2,N5,N7, N8/04
530	30	6,10,18,21,22,24,34,40, 41,44,50/03;4,7,11/04	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10, 13/04	11401	29	7,20/03;13/04	11526	10	20/03*
531	21	21,24,32,34,41/03;6/04	11341	39	14*,17,21,22,23,25,31, 34,37,38,47,52/03;1,2,3, 4,5,6,12,13/04	11402	21	30*,34/03	11527	16	20/03
532	17	34,50/03;11/04	11342	52	27*,29,31,34,35,42,46, 47/03;1,6,13/04	11403	22	10/04*	11528	21	39/03
540	16	16,30/03	11343	37	48*,49,50/03;4/04	11404	22	10/04*	11529	18	6/03
541	2	6/03	11344	35	9*,19,22,23,26,27,29,31, 34,38,43,46,47/03;4,5, 9/04	11405	29	38/03*	11530	34	21*,23,26,35,36,43,45, 47/03;2,6,8,10,13/04
550	7	6/03	11345	31	9*,38/03;4/04	11406	11	9/03	11531	21	11,39/03
600	5	45/03	11346	33	4,6,7,8,19,20,21,23,25, 26,27,29,31,32,43,47,48, 50,51/03;4,9/04	11407	5	6,11,12,14,20,50/03	11532	20	39,43,50/03
601	4	6,8,27,38/03	11347	33	4,6,7,8,19,20,21,23,25, 26,27,29,31,32,43,47,48, 50,51/03;4,9/04	11408	28	3/03*	11533	32	17*,36,45,50/03;10/04
602	6	6,38/03	11348	20	43*,47,51/03;4/04	11409	28	32/03*	11534	12	39/03
603	6	10/03	11349	40	23,26,27,31,36,52/03; 6/04	11410	14	7,20/03;13/04	11535	16	38/03*;2,5,8,13/04
604	5	38/03	11350	25	43/03*	11411	25	41/03*	11536	60	6,8,14,22,23,24,35,38,39, 43,49/03;9,11,12/04
605	4	6/03	11351	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3,5, 10,12,13/04	11412	18	14,25/03	11537	34	21*,23,26,35,36,43,45, 47/03;2,6,8,10,13/04
606	1	17/03	11352	37	13/04*	11413	35	10/04*	11538	18	6/03
607	1	17,45/03	11353	3	9*,13/04	11414	36	38*,52/03	11539	34	51/03*;9,11,12/04
622	9	6/03	11354	25	43*,31,44,48,51/03;1,10, 12/04	11415	32	6/03	11541	22	8,38/03;1/04
623	9	19,36/03	11355	38	38*,52/03;2,3,5,12/04	11416	25	17/03*	11543	22	8,38/03;1/04
624	3	7/04	11356	35	38*,51,52/03;3,4,6,13/04	11417	25	41/03*	11544	37	8/03
702	5	7/03	11357	36	38*,52/03;2,3,5,12/04	11418	30	7,15,39/03	11545	60	6,8,14,22,23,24,35,38,39, 43,49/03;9,11,12/04
703	4	7,44/03	11358	52	41*,49,50,51/03;2,3,5,6, 7/04	11419	11	12/04*	11546	35	10*,33/03;5/04
706	4	44/03	11359	11	49,50/03	11420	44	24/03*,11/04	11547	28	43*,50,52,51,11/04
707	2	34,44/03	11360	40	5,6,8,19,23,24,25,26,27, 29,30,34,35,37,38,49,50, 51,52/03;1,2,3,5,7,11, 13/04	11421	16	7,25/03	11548	39	12/04*
708	3	34,36/03	11361	25	11*,12,13/04	11422	36	22,40/03	11549	28	17/03*,7/04
709	2	19,25/03	11362	4	N5,N6,N8,N19,N23, N24,N25,N26,N27,N29, N30,N34,N35,N37,N38, N49,N50,N51,N52/03;	11423	39	40/03	11550	25	7,12,18,03/6/04
1113A		20*,21,22,25,52/03	11363	71	11*,12,13/04	11424	36	11/04*	11551	25	N7,N12,N18,N24, N32/03;N1,N2,N6,N7/04
1114A		4,9,11,12,13/03	11364	4	N5,N6,N8,N19,N23, N24,N25,N26,N27,N29, N30,N34,N35,N37,N38, N49,N50,N51,N52/03;	11425	39	5/04	12204	35	10*,33/03;5/04
1115A		5,6,8,19,23,24,25,26,27, 29,30,34,35,37,38,49,50, 51,52/03;1,2,3,5,7,11, 13/04	11365	37	13/04*	11426	36	22,40/03	12205	30	50/03*;2/04
1116A		37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10, 13/04	11366	35	38*,51,52/03;3,4,6,13/04	11427	39	12/04*	12206	20	18,50/03;11/04
1117A		28*,30,31,32,34,35,36, 44,45,46,49,50,51/03;5,6,7, 10/04	11367	38	38*,52/03;2,3,5,12/04	11428	36	39,40,52/03	12207	9	23*,28,41,50/03;9,11/04
5161	13	48/03*	11368	11	49,50/03	11429	36	30*,31,40/03;11/04	12208	36	8*,33/03/04
11004	7	5,6,7,8,9,14,18,21,22,23, 24,25,26,27,29,30,32,34, 36,37,38,44,51/03;1,3,4, 5,6,10,13/04	11369	40	5,6,8,19,23,24,25,26,27, 29,30,34,35,37,38,49,50, 51,52/03;1,2,3,5,7,11, 						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12237	27	48/03*	13200	33	7,9,18,36,39,44,45,48/03; 6/04*	14061	27	6,9/03	14254		N40/03*
12238	38	6/04*				14062	17	32,36/03;1,5,9/04	14259	3	40/03**
12241	21	7,34/03;2/04	13201	10	N9,N18,N36,N39,N44, N45,N48/03;N6/04	14066	19	6,34,42,47/03;5/04	14260	47	39/03**
12243	13	12/04				14067	11	6/03	14263	15	40/03**
12245	62	30*,33,34,49/03;4,7,10, 12/04	13203	12	48/03	14081	21	36,47/03;2/04	14264	4	40/03**
12248	40	44/03*;4/04	13204	12	44/03;6/04	14085	6	49/03	14280	37	40/03**
12251	23	4,6,7,15,26/03;12/04	13205	36	5,23/03;2/04	14088	10	34/03;5/04	14310	2	40/03**
12252	23	4,7,10,15,17,30,35,45, 49/03	13209	23	23/03;2/04	14089	29	34/03	14325	13	6/04
			13211	13	45/03	14105	19	47/03	14328	6	47/03;9/04
			13212	35	9*,13,36/03;2/04	14110	42	32,44/03;1/04	14329	5	32,47,49/03;1/04
12253	43	35/03*;2,10,13/04	13213	40	14*,25,36/03	14111	7	14,32,34,42,44/03	14340	25	12,22,30,49/03;1,9/04
12254	43	30,34/03;2/04	13214	27	5/03;2/04	14112	5	32,42,44/03;1/04	14341	5	12,34,47,49/03
12255	15	30,34/03	13215	17	5/03;6/04	14115	2	47/03	14342	20	30,49/03;9/04
12256	14	48/03*;2,12/04	13216	1	N2/04	14128	6	4/04	14344	2	49/03
12261	28	7,18,22,48/03	13217	14	6/04	14136	2	1/04	14345	5	12,22,49/03
12263	53	11/04*	13218	38	5,46,50,52/03	14141	17	47/03	14349	7	42,47,03;5,6/04
12264	28	7,42,44,48,52/03	13221	53	5,7,27,46,49/03	14143		N38/03*;N4/04	14353	3	42/03
12266	28	8/04*	13223	36	46/03	14144	29	38/03**	14354	2	32,42,50/03
12270	32	9*,18,24,25,33,42/03; 8/04	13224	36	5,27/03	14145	2	47/03	14355	3	50/03
12272	29	13,16,30,33,38/03;7/04	13225	6	6,7,49/03	14146	2	32,49/03;6/04	14357		N49/03;N4/04
12273	54	47/03*;7/04	13227	13	7,49/03	14151	2	32,34,38/03;1,4/04	14358		N34,N47/03;N1,N5/04
12274	33	5,15,17,30,33/03	13229	28	12*,13/04	14167		N6/04	14360	36	47/03;4,5,6/04
12277	32	35*,51/03	13230	46	7,19,50,52/03;1/04	14168		N37/03	14364	6	4/04
12278	73	8/04*	13233	16	10,39/03;4/04	14169	2	32,38,42,49/03	14373	2	34,49/03;1,4/04
12280	4	52/03*;2,7,9/04	13235	5	48/03;4/04	14173	2	38/03	14380	19	49/03;6/04
12281	49	12,19,25,38,44,48,49/03; 1/04	13236	29	7,19,50/03;1/04	14174		N42/03*	14386	3	6/04
12282	34	43/03*	13237	39	27*,39/03;13/04	14175		N43/03*;N9/04	14404	4	47/03
12283	24	8,18,25/03	13244	39	7,32/03	14176		N38/03*	14415	4	36/03
12284	15	7,42,48/03	13246	37	36*,42/03	14177		N40/03*	14420	27	40/03**
12285	35	11*,14,19,22,34,36, 45/03;9,13/04	13249	12	22/03*	14178		N40/03*;N5,N6/04	14756		N50/03;N11/04
12286	29	4,6,42,52/03	13253	18	3*,8/03	14180	38	42/03**	14758		N32,N49/03
12288	19	9/04	13260	39	36*,39,42,45/03	14181	3	43/03**	14769		N13/04**
12289	48	10*,19,22,32/03;13/04	13263	7	N7,N9,N18,NP21,N23, N26,N29,N36,N39,N42, N45/03	14183	15	38/03**	14773	16	26/03
12300	43	19*,39,44,48,49/03;6/04	13264	103	9,P21,26,29,39,42,49/03; 5/04	14184		N32,N44,N47,N49/03	14774	16	15/03
12301	21	N5,N17,N39,N44,N48, N49/03;N6/04	13267	31	47/03*;9/04	14185	2	40/03**	14782	24	47/03
12304	43	21*,26,48,52/03;2,5,9/04	13269	9	7,9/04	14186	2	40/03**	14784	19	47/03
12311	42	38*,48,51/03;1,10/04	13270	60	50/03*;9/04	14187	2	38/03**	14786	13	49/03
12312	52	10*,15,24,32,51/03;1, 10/04	13272	47	8,25,35/03;12/04	14188	1	42/03	14803	26	5,49/03
12313	49	35*,43,52/03;8/04	13274	25	43/03*;6/04	14189	2	36,42,44/03;4,6/04	14804	24	5/03
12314	30	5,25,33,35/03	13275	28	45/03*	14190	2	37,42/03	14813	21	49/03
12316	30	12/04*	13276	22	36/03*	14191		N38/03*	14815	22	43/03
12318	41	9*,32,44/03;6/04	13278	25	9,32,39/03	14192		N38/03*;N9/04	14816	23	5/03
12323	23	4/03;6/04	13279	30	20*,32,39/03	14193		N38/03*	14820	19	11/03*
12324	30	8,49/03	13282	11	21*,39/03	14195		N42/03*	14822	31	10/03*
12326	49	35*,49/03	13283	18	9/03;4,6/04	14196		N38/03*	14824	26	5/04*
12327	97	48*,49/03	13285	10	20/03;4/04	14197		N38/03*	14826	27	4*;49/03;8/04
12331	30	8*,13,14,18,33/03	13286	29	9/03	14198		N43/03*	14829	5	49/03;8/04
12332	21	13,18/03	13288	18	9/03;4,6/04	14200	2	38/03**	14830	30	31*,34,47,49/03
12333	33	44*,49/03	13289	28	10/03;4/04	14201	15	38/03**	14832	34	49,51/03
12334	66	30*,34,36/03	13295	11	14/03	14203	12	42/03**	14833	25	43,49,51/03
12335	40	47/03*	13296	25	27/03	14204	21	38/03**	14835	31	7/04
12337	22	13,18/03	13301	20	23,42,45/03	14205	7	38/03**	14836	27	10/04
12338	9	21/03*	13302	21	7,9,32,42,45,52/03;8/04	14206	20	43/03**	14837	27	3/03;5/04
12339	44	50/03*	13303	12	7,9/03	14208	28	38/03**	14839	36	9*,43,49,51/03;5,8/04
12341	26	36/03*	13305	28	7,9,36,44/03;8/04	14209		N38/03*	14842	13	46*,51/03;10/04
12343	18	7,21,27/03	13307	10	23,28,44/03;8/04	14211		N40/03*	14843	22	43,51/03
12345	10	21/03	13309	28	9,32,52/03	14212		N38/03*;N11/04	14844	31	4,51/03;5,10/04
12347	29	27,29,35/03	13312	21	10/03*	14213		N39/03*;N5/04	14845	26	4,51/03;10/04
12348	33	27,29,34/03	13313	19	6,9,36/03	14214		N39/03*	14846	11	43,47/03;5/04
12350	57	29/03	13316	22	28/03*	14215		N39/03*	14847	30	43,47/03
12352	30	46/03*	13318	18	5,6,21/03	14216		N39*,N44/03;N5/04	14848	56	9,17,21,22/03
12353	18	8/04*	13321	9	20/03*	14217		N43/03*	14850	52	2/04*
12354	40	38/03*;2/04	13323	7	5/03	14218		N39/03*;N6/04	14852	45	19*,21/03;2,10/04
12358	19	7,10/03	13324	14	5/04*	14219		N40/03*;N6/04	14853	14	26/03*;10/04
12363	39	6,23,27,32,36/03	13325	14	29/03;7/04	14220		N39/03*	14854	13	17/03
12364	34	20*,23,25,27,32,33,36,39/03	13326	12	7/04	14222	16	40/03**	14864	26	1,8/04
12365	26	6,23/03	13392	2	6/03	14223	18	38/03**	14865	16	4/03
12366	27	20,27/03	13394	3	9,21,42/03	14224	18	38/03**	14867	26	39/03*
12368	26	24,25/03	13396	4	9,19,21/03	14225	17	39/03**	14869	26	8/04
12369	25	32,35,36,43/03	14002	57	32,34,36,37,42,49/03	14226	32	39/03**	14871	2	34/03
12371	23	27*,52/03	14003	6	5,9,12,29,39,48/03;6/04	14227	28	39/03**	14880	30	4/03
12372	32	8/04*	14007		N38/03*	14229		N39/03*;N5/04	14881	31	8/04
12378	14	13,23/03	14008	76	38/03**	14244	5	39/03**	14886	11	41/03*
12401	7	13,33,41/03	14010	5	26,32/03	14245	4	39/03**	14891	14	5/03;7,10/04
12402	8	13,34,41/03	14014	82	1/04	14246	6	39/03**	14902	28	4/03;8,10/04
13000		N21,N26,N29/03	14024	5	12,22,36,47/03	14247		N39/03*;N5,N6/04	14903	23	31/03*;2,7/04
13003	47	36*,39,44,45,48,52/03;	14040	65	34,49/03	14248		N40/03*	14904	26	40/03*;1/04
13006	31	36*,39,44,45,48,52/03;	14041	12	34,36,42/03	14249		N39/03*;N5/04	14905	30	45/03*;7/04
13009	30	9,18,23,36,39,44,45, 48/03;6/04	14042	3	34,42/03	14250		N40/03*	14906	23	5/03
			14043	7	21,26,49/03	14251		N40/03*	14907	25	10/04
			14044	44	6,47,49/03;1/04	14252		N40/03*	14909	19	49/03;10/04
			14046	2	47,49/03;9/04	14253		N40/03*;N9/04	14910	23	17/03*
									14911	20	4/03;10/04
									14912	17	31/03*
									14913	18	31/03*;8,10/04
									14915	25	28/03*
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SECTION I

NM 13/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14917	23	3/03	16423	2	47/03	17382	15	20*,36/03/13/04	18413	15	20,22/03
14918	26	17/03;1/04	16431	7	50/03*	17383	1	8/03	18414	9	20/03;3/04
14919	27	1,7/04	16432	11	3/04*	17384	7	13/04	18415	8	7,22,32,39,47,50/03;3,9, 10/04
14922	19	9/03;5/04	16442	7	41/03*	17385	14	14/03*;13/04	18416	6	22,46/03
14924	27	5,49/03;2/04	16463	7	3/04*	17400	16	10,12,44/03	18418	6	15/03
14926	10	32*,47/03;7,8,10/04	16478	10	5/04*	17401	10	36/03;13/04	18419	11	12,46/03;1,9/04
14927	24	47/03;7,8/04	16480	10	34,50/03	17405	14	12,25,46/03	18420	1	22,47,49,50/03
14928	21	4/03*;7,10/04	16490	8	6/04*	17406	6	25/03	18421	46	50/03*;8,9/04
14929	24	14/03*;7/04	16500	9	9,33/03	17407	15	10/04*	18423	34	12*,13/04
14930	24	1/04	16520	21	31,33/03	17409	10	44/03	18424	25	7,45/03
14932	23	26/03*;1,5/04	16528	16	9,33/03;6/04	17412	2	49/03	18427	21	7,19,45/03
14933	24	1/04	16529	14	9,33/03;6/04	17413	2	10,44/03	18429	9	3*,22/03
14934	27	17*,26/03;1/04	16530	6	33/03;6/04	17416	3	10,14/03	18430	8	5/04*
14935	21	1,10/04	16535	12	21,31/03	17420	26	10,12,14,20,36/03;13/04	18431	6	1/04
14937	24	17/03;10/04	16549	15	41/03*	17422	8	13/04	18432	5	14/03*
14938	23	1,7/04	16553	3	17/03	17423	13	13/04	18433	5	22,32,36/03;9/04
14942	25	1/04	16556	4	8/03*	17426	13	16,20/03	18434	5	2*,13/04
14961	12	3/04*	16561	1	29,35,44/03	17427	7	21,36/03	18440	27	3*,8/04
14965	21	11/03*;2/04	16566	10	29,44,49/03	17428	7	5,36,43/03;13/04	18441	43	39*,45,47,51/03;6,8/04
14966	25	14*,21,49/03	16575	1	1/04	17429	2	113/04	18443	15	6,34/03
14967	22	5/03	16576	4	47/03*	17430	10	5,36/03;13/04	18444	15	34/03;1/04
14970	25	1/04	16580	12	9/04*	17434	11	5,36,43/03;13/04	18445	30	13/04*
14972	25	1/04	16590	10	1/04	17435	16	40,49/03;13/04	18446	16	47*,51/03;8/04
14973	27	15/03*	16591	8	1/04	17436	6	20/03	18447	26	6,7,10,18,47/03
14974	24	5/04	16592	9	16/03;1/04	17437	8	21/03	18448	33	1*,8,13/04
14975	33	43,49/03;10/04	16593	11	14/03*;1/04	17438	12	10,14,15,21,36/03	18449	18	50*,51/03;6/04
14983	9	46/03*	16594	13	1/04	17441	7	10,15/03	18450	17	9*,44/03;6/04
14985	9	41/03*	16595	14	1/04	17443	12	10/03	18452	16	34,38/03
14986	9	46/03*	16596	12	1/04	17445	2	10,14,36/03	18453	24	14*,25,36,38,42/03;6/04
14987	9	3/04*	16597	8	1/04	17446	N10/03		18455	2	N15,N34,N38/03
14988	10	41/03*	16598	9	1/04	17460	N5,N36,N49/03		18458	15	19*,28,34,38/03;13/04
14990	4	6/04*	16599	6	1/04	17464	4	12/04	18459	5	N9,N15,N28,N34, N38/03;N13/04
14991	10	8/04*	16601	10	1/04	17465	4	6,12/03			
15017	4	10/04	16603	8	48/03*	17470	N23,N41/03		18460	11	6,7,43/03;3/04
15043	3	34,47/03	16604	11	1/04	17471	N6,N47/03*		18464	23	24*,30/03
15044	3	34,47/03;1/04	16605	8	1/04	17472	4	5,14,36,41/03	18465	35	15,30/03;8/04
15046	4	47/03	16606	11	21/03;1/04	17480	4	5,10,36/03	18468	17	7/03
15061	3	50/03	16608	4	46/03*	17482	N7,N14,N41/03		18471	9	36/03*;8/04
15064	1	50/03	16640	24	21/03;1/04	17483	N41/03		18473	7	4*,18,19,34,38,45,47, 51/03;6,8/04
15066	5	32,47/03	16645	18	1/04	17484	3	41/03	18474	8	5*,8/04
15067	2	47,49/03	16646	12	8/03;1/04	17485	4	41/03	18475	1	35/03
15069	4	47/03	16647	3	1/04	17513	N15/03;N9,N12/04		18476	4	7,9,28,34,38/03;6,13/04
15070	3	49/03	16648	4	1/04	17515	7	6,15,16,36,43/03;12/04	18477	5	7/03;6/04
15074	1	6/04	16660	28	6,16,47,49/03	17517	8	6,15,16,34/03	18480	29	6,7,43/03;3,6/04
15080	1	47/03	16663	6	6,16,47,49/03	17518	7	16,18,20,41,47/03;10/04	18484	10	15,29/03
15160	5	50/03	16665	7	6,16,47,49/03	17519	13	16/03	18485	15	10,29/03
15163	2	50/03	16680	10	6,32,37/03	17520	2	N6,N16,N34/03	18500	28	12,22,28/03
15300	N10/04		16682	15	8*,17,19,37/03	17521	N15/03		18502	84	9,21,28,29,42,47,52/03
15313	1	15/03	16683	9	3,6,17,32,37/03	17522	N15/03		18504	65	19*,35/03;3/04
15562	N16/03		16700	28	40*,43,50/03;11,12/04	17523	N15/03		18520	24	22/03
15569	N23/03		16701	19	37/03*;12/04	17524	N12,N15,N49/03		18521	70	5*,13/04
15570	N23/03		16702	11	37/03*;12/04	17525	N15,N43/03		18523	54	5*,8,13/04
15585	N14/03		16704	13	12/04	17526	N15/03		18524	33	4,6,10,24,29,47,52/03;8, 13/04
15690	N35/03		16705	19	16,43/03;12/04	17528	N6,N12/03		18531	20	9,10,48,52/03;2,8,13/04
15946	N47/03		16706	10	12/04	17543	17	43/03	18532	20	10,52/03
16003	16	13,36,48/03	16707	10	16,20/03;5,12/04	17545	13	43/03;12/04	18545	15	50/03*
16004	11	13,17,48/03	16708	25	16,20,50/03;12/04	17546	22	24,34,35,43/03	18548	5	8/03*
16005	9	36,48/03	16709	22	11,12/04	17548	28	16,43/03	18558	37	48/03;1/04
16006	33	6,32,35,36/03;1/04	16710	16	10,12/04	17549	6	15/03;3/04	18561	12	12/04*
16007	35	8,29,31,32,35,44,50/03;	16711	2	12/04	17550	4	43/03;3,6/04	18580	21	51/03
16012	1/04		16712	1	16/03;12/04	18000	8	6,10,21,36,44/03;11/04	18581	17	4,36,50,51/03
16013	21	34,50/03	16713	2	12/04	18002	6	N6,N10,N21,N36, N44/03;N11/04	18583	38	12,43/03
16016	20	9/04*	16723	15	6,12/04	18003	19	22*,41,43/03;3,6/04	18584	47	4,6,30,48,52/03;1,13/04
16041	8	48/03	16761	16	28/03	18005	4	N6,N10,N13,N21,N26, N40/03;N4,N10/04	18587	68	4,6,9,10,21,27,36,52/03; 1,8/04
16061	8	13,17/03	16762	9	12/04	18006	3	N6/03	18588	37	22*,36/03
16067	7	1/04	17003	4	24,35,36/03;6/04	18007	31	18,22,24,26,35,41/03;4,5, 7/04	18589	15	44/03
16081	6	1/04	17005	10	24,34,35,43/03;3,6/04	18020	37	47/03*;1,4,7,11/04	18600	14	44,47/03;5/04
16082	6	1/04	17008	12	36/03	18022	34	3*,4,7,11,13/04	18601	13	10/03;1/04
16083	6	9/04*	17300	30	21,39/03	18400	44	41*,43,47,49/03;3,8, 10/04	18602	12	26*,47/03;1/04
16087	7	5/04*	17302	18	49/03	18024	34	3*,4,7,11,13/04	18603	16	9*,10/03;5/04
16102	5	9/04*	17315	23	16,21,25/03	18401	12	34/03	18622	23	4,7/04
16124	6	3/04*	17316	20	3,25/03	18403	21	6,20/03	18623	11	4,7/04
16200	13	36/03	17318	5	39/03	18405	12	16/03	18626	15	10/03
16206	7	46/03;5/04	17320	15	13,29,34,39/03	18406	5	16/03	18640	24	26,38,42/03;4/04
16220	5	36/03	17323	10	13,22,29,39/03;5/04	18409	8	41/03	18643	17	26*,33,41,43/03
16300	8	3,8/03;6,9/04	17324	13	39/03;5/04	18411	N16,N20/03		18645	24	33,38/03;5/04
16305	9	8/03;1/04	17325	7	29/03	18412	10	20/03	18649	63	48*,50/03;2,5,11/04
16315	10	1/04	17327	21	46/03*				18650	52	47/03*;11/04
16322	7	8,46/03;1/04	17328	7	10/04*						
16323	9	3/04*	17330	8	10/04*						
16338	3	1/04	17333	8	3/04*						
16343	7	1/04	17360	33	31*,36/03;13/04						
16363	12	10/04	17370	10	3/04*						
16381	8	8,25/03	17372	11	48/03*						
16382	10	6/04	17375	20	50/03						
16420	10	46/03*	17378	13	10/04						

SECTION I

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NM 3/03 THROUGH NM 13/04

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18651	42	15*,48/03	19381	8	26/03;7,12/04	22225	2	12,18,40/03	23125	4	17/03
18652	32	36*,40,43,46,48,49/03;5, 11/04	19382	15	26/03	22233	29	13,18,25,37/03	23131	7	12,22/03
18653	9	4,6,21,43,50/03	19383	17	5/03	22234	1	1/04	23141	7	22,37/03
18654	42	12,16,35,46,48/03;5/04	19385	8	3/04*	22250	2	12,18/03;4/04	23142	10	8,37,47/03
18655	58	12,16/03	19387	9	N46/03;N12/04	22251	11	12,28/03	23145	3	37,51/03
18656	53	19*,21,33,40,43,48/03; 11/04	19388	2	N46/03	22252	18	2/04	23151	3	12/03
18657	18	4,21,40/03	19401	8	10/03*	22259	4	20,24/03;2/04	23152	3	12/03
18658	29	4,21,33,40/03;11/04	19402	6	9/03*	22262	3	13/04	23153	8	12,13,49/03
18659	14	7,16,21,43,48/03	19421	7	8/03*	22263	1	26,37/03;4/04	24004	36	41,42,46/03
18660	2	29*,43,49/03	19441	7	28/03*	22264	2	13,18,20,24,26,37,41/03	24016	53	13/04
18661	27	15*,16,43,49/03;13/04	19442	5	14*,26/03	22275	3	12,18,26/03;2/04	24024	46	18,25/03
18662	20	7,43,44/03	19461	7	10/03*	22281	9	12,18/03;4,13/04	24050	11	20,31,32,33,51,52/03; 6/04
18663	5	14*43/03	19480	7	6/04	22282	17	12/03;4/04	24052	15	14,19,21,30,42,44,50/03
18666	1	21,33,48/03	19482	9	6/04	22283	3	N12/03;N4,13/04	24053	16	19/03
18680	30	6,13,33,35,38,40/03	19483	6	11/03*	22284	7	N5/04**	24055	6	14,19,21,42,50,51,52/03; 6/04
18682	14	10/04*	21008	62	36/03	22286	1	5*,13/04	24057	4	20,30,33,42,52/03;4,6/04
18685	32	36*,46/03	21014	72	3,4/03	22290	4	18,30/03	24058	2	19,22,28,29,30,42,44/03; 7,9/04
18687	13	8/03*	21017	50	4,5,6,9/03	22293	15	18,26,37,38/03	24060	2	17,32/03
18700	22	40/03*;13/04	21020	42	5,6,7/03	22294	15	12/03	24080	5	17/03
18703	25	40/03*;7,13/04	21021	3	13/03	22305	2	18,24,30,34/03	24091	6	6,21,46/03
18720	31	4,6,10,12,25/03;11/04	21023	41	7,8,9/03	22311	19	8/03;13/04	24092	14	6/03
18721	11	6,10,39/03	21033	46	16/03;1/04	22312	2	13,30/03;9/04	24100	5	46/03
18723	3	6/03	21036	7	16/03;1/04	22313	2	8,18,38,40/03;13/04	24103	3	10/04
18724	1	22*,25/03	21125	13	36/03	22314	1	40/03	24110	3	35/03
18725	27	32/03*	21140	1	12,27,36/03;7/04	22322	11	33/03**	24130	14	5/03
18740	40	46*,49/03;1,5,7/04	21180	1	7/03	22331	2	N10,N19,N24/03;N1, N2/04	24133	6	31/03
18741	18	N12,N27,N38/03;N1, N7/04	21301	13	3,12/03	22335	4	19,52/03	24140	18	41,42,46/03;6,7,11/04
18744	30	35/03	21384	3	6/03	22341	9	11,21,29,52/03;2/04	24141	4	5/03
18746	35	11/04*	21401	20	7/03	22342	9	21,29/03	24142	43	5,6/03;7,11/04
18749	38	5,6,16,21,26,28,31,39,41, 49,50/03;5,7/04	21478	3	9,16/03	22343	1	N10,N11,N21,N41, N52/03;N2/04	24149	1	52/03
18751	42	5,6,16,21,26,28,31,39,46, 49,50/03;5,7/04	21482	1	36,46/03	22344	6	N23*,N52/03	24150	27	41,47/03;6,7/04
18754	17	39*,43/03	21510	1	9,16/03	22345	11	24/03	24151	4	41/03;6,7/04
18757	10	13,41/03;5/04	21520	1	29/03	22347	6	N23/03*	24152	2	41,47/03;6/04
18758	6	16,33,49/03;4,11,13/04	21521	14	29/03	22351	1	N12,N35,N41,N52/03; N2/04	24153	6	39,47/03;6/04
18760	6	N6,N25,N35,N36, N44/03;N1,N7,N11/04	21525	19	38/03	22352	6	12,19,24,35,52/03;1,2/04	24155	6	46,49/03
18761	2	N1/04	21543	13	9/04	22360	2	19,52/03;2/04	24160	21	47/03;10/04
18762	15	1/04	21580	40	52/03	22361	2	N10,N30,N32,N33,N34, N52/03;N2/04	24161	11	7,28,32,39,40,47/03; 10/04
18763	9	1/04	21604	25	4/04	22370	2	15,19,26,30,33,34/03; 2/04	24162	9	6,7,28,32,39,40,42,47, 52/03;10/04
18765	15	12,27,46/03;7/04	21605	7	31/03	22371	5	30,32,33,52/03;2,4/04	24164	6	39,41,47/03
18766	7	12,27,36/03;7/04	21661	12	6/03	22373	1	N10,N24,N30,N32,N33, N34/03;N3/04	24170	14	5,6,35,43/03;9/04
18768	4	N12,N27,N36,N38/03; N7/04	22004	38	16,29/03;2,7/04	22375	1	N10,N15,N26,N37/03	24171	19	5,6,37,52/03
18769	2	N1/04	22008	35	6,14,17,29,32,38,47/03; 7/04	22377	1	N10,N13/03;N2,4/04	24172	4	5,6/03
18772	47	21*,48/03	22012	31	6,29,32/03	22379	1	N10,N30,N32/03	24180	15	8,40/03
18773	39	40*,41/03;4/04	22036	28	51/03;2/04	22395	2	15,19,22,26,30/03	24200	14	9,13/04
18774	10	10,16,49/03;4,11,13/04	22050	4	12,26/03	22401	4	N23*,N30/03	24201	5	49/03;9/04
18775	2	N1/04	22051	18	5/04	22407	1	N4,N11,N18,N30/03	24202	6	31,35,46/03
19002	9	N16,N23,N29,N46/03; N6,N8,N12/04	22052	6	25,34,43,47/03	22408	1	N10,N17,N21/03	24203	36	49/03
19004	36	23,29,30,46/03;6,8,12/04	22082	4	13,25,38/03	22409	4	N10,N17,N22/03	24210	14	42/03
19007	16	16,23,29,30,46/03;12/04	22094	2	4,17/03	22410	32	19,23,40/03	24220	14	39/03
19008	4	16,23,29,46/03;10,12/04	22100	3	12/03	22413	8	N22/03	24223	33	39/03
19009	4	16,23,29,46/03;10,12/04	22101	19	37/03	22415	8	2,4/04	24230	20	52/03;9/04
19010	17	23,29/03;6,8,12/04	22102	19	17/03	22417	1	N10,N25/03;N1/04	24233	15	9/04
19013	16	29,30,46/03;8,12/04	22109	3	17/03	22418	2	19/03	24234	3	35/03
19016	10	3/04*	22111	4	17/03	22420	2	4,11,15,19,30,40/03	24240	5	7,39,46,52/03
19019	9	28/03*	22112	3	17,37/03;5,10/04	22421	4	N11,N23,N25,N26, N27/03;N4/04	24250	5	7,39/03;13/04
19320	16	5,16,23/03;6,8,12/04	22113	8	12,17,03;5,10/04	22423	3	N11,N25,N27/03	24251	23	6,39/03
19324	22	5,23/03;13/04	22114	5	17,33,37/03;5/04	22424	1	N11,N23,N25,N26, N27/03	24252	5	6,39/03
19327	10	23,43/03	22117	3	37/03;5/04	22427	1	N11,N23,N25,N26, N40/03;N9/04	24270	3	17,29/03
19329	8	10/04*	22120	3	29,32/03;7/04	22429	1	N10,N14,N17,N19, N27/03	24271	14	17,29/03
19330	9	27/03	22121	9	29,32,47,51/03	22430	6	19/03	24274	2	17,29/03
19331	7	23,43/03	22124	2	6,29,32/03	22433	3	11,14,35/03	24293	6	37,42,46/03
19339	1	N5,N13,N30,N47/03;N8, N10/04	22130	2	14,17,29,32,38/03;2,7/04	22434	2	2,35/03	24294	22	37,46/03
19340	26	5,13,29,30,36,47/03;8,10, 13/04	22138	3	11/04*	22436	2	10,14/03	24302	4	6,17/03
19347	17	29/03	22140	2	25,47/03;7/04	22440	1	19/03	24350	2	18/03
19348	7	29,43/03	22142	2	25,40,47/03;7/04	22441	1	2,4/04	24355	2	25,37/03
19349	17	27/03;6/04	22143	4	26*,29/03;11/04	22444	1	19/03	24360	1	25/03
19353	12	27/03;6/04	22145	2	N25/03	22447	31	2,6,8/04	24370	1	48/03;1/04
19357	22	5,13,30,36,47,50/03;10, 13/04	22160	2	25/03;7/04	22448	35	19/03;2/04	24375	2	38/03
19359	11	8/04*	22170	3	6/03	22482	16	23/03;9/04	24376	1	38/03
19361	8	5/04*	22172	8	4,6,29/03;11/04	22492	3	34/03	24380	2	48/03;1/04
19362	12	10,13/04	22173	36	6,17,29/03;11/04	22521	3	12,17,34/03	24404	8	11/04
19366	36	5,50/03;10,13/04	22180	2	32/03	22523	3	12,17,34/03	24430	5	8,11,31,52/03
19367	37	10,50/03	22181	17	10/04*	22529	3	12,17,35/03	24431	14	31,52/03
19369	5	10,36,30/03;10/04	22182	7	10*,11/04	22531	2	12,17,35/03	24433	3	52/03
19379	1	N5,N13,N30,N46/03; N12,N13/04	22183	4	52/03*	23000	5	51/03	24434	4	52/03
19380	15	8*,12/04	22190	2	29/03	23020	4	22/03	24450	3	26,47/03;6/04
			22205	2	12,18/03	23030	6	21,22,37,42/03	24453	5	26/03
			22221	20	12,31,34/03;1/04	23121	7	17,20/03	24454	5	5,26/03
			22222	1	4,12,31/03;1/04	23124	3	N17,N20/03	24460	4	15,29,32,47/03

SECTION I

NM 13/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
24461	4	16,38,47/03	26220	6	11/04	35303	7	17/03	37147	15	10,12,16,17,19,25/03;
24462	5	16,29/03	26229	11	31/03;9/04	35308	5	10/03			12/04
24463	6	12,15,25,26,38/03;13/04	26230	12	31/03;9/04	35363	1	12/04	37148	13	4,10,11,27,51/03;12/04
24465	6	38/03	26240	7	9/03	35365	1	12/04	37150	8	14,19,26,27,32,33,35,37,
24469	1	13/03	26244	3	9/03	35380	8	12/04			39,41,43,46/03;7,12/04
24470	4	13/04	26245	16	15/03	35390	2	12/04	37161	14	14,19,24,41,43,46/03
24480	1	24,27,42,48/03	26261	27	8/03	35420	13	12/04	37162	12	21,26,27,30,32,33,35,37,
24482	2	31/03	26262	3	8/03	36005	2	P12,14,17,24,25,27,31,			39,40,41,43,45,46/03;
24484	3	31/03	26282	6	22,23,34/03			43,44/03;13/04			7/04
24490	3	25,27/03	26290	1	21/03**	36010	27	5,15,16,20,23,43/03	37163	19	32,43/03;11,12/04
24491	3	27/03	26295	1	21,*2,22,34/03	36015	2	27,44/03;13/04	37164	4	23,26,27,30,32,35,37,43,
24500	1	7/04*	26300	7	21/03*	36040	16	15/03;6/04			46/03;7/04
24501	3	27/03	26308	5	21,*2,22,23,34/03	36060	17	5,8,20,21/03;2/04	37165	2	10,12,13,15,21,23,26,27,
24502	6	27,34,47/03	26309	27	11/04*	36061	5	20/03			28,30,32,34,35,37,39,43,
24504	7	42,48/03	26310	1	N48/03*	36098	6	5/03			45,50,52/03;1,5,7,8,
24508	3	22/03*	26312	2	21/03	36102	6	13/03			11/04
24509	2	15,25,34,42/03;12/04	26316	3	21/03	36103	9	13/03	37166	2	14,19,21,26,27,30,32,33,
24510	2	42/03	26320	5	7,12,22,23,25,31,40/03	36104	6	13/03			34,35,37,39,40,41,43,45,
24511	2	24,42,48/03	26327	2	N17/03	36106	7	5,13/03			46,51/03;7,11,12/04
24512	3	24,25,38,42/03	27005	4	6,8,9,22,23,34/03	36118	3	5/03	37170	11	14,19,46/03
24513	18	38,42/03	27040	5	9/03	36120	9	5,8,16,23,27/03	37175	2	5,27,30,45,46,51/03
24517	2	25,40,42/03	27042	21	41,42/03;10/04	36123	25	11,16/03	37180	20	27,31,35,49/03;12/04
25001	7	15,52/03	27060	2	22,23,34/03	36124	18	16/03	37182	14	24,27/03
25017	5	15,25,31,34,39,52/03	27080	4	15,22,39,52/03	36125	7	4,18/03	37183	9	10,24/03
25018	9	15,25,31,34,39,52/03	27083	39	28/03;4/04	36138	3	4/03	37184	8	5/03
25400	1	8,11/04	27084	4	13/03	36139	4	4/03	37200	15	28,30,35/03
25480	1	52/03;8/04	27100	2	8,21/03	36140	12	4,10,27/03;13/04	37202	2	22,27/03
25481	25	8/04	27102	11	28/03	36141	7	4/03	37205	2	22,24,30,40/03
25483	20	8/04	27142	5	9/03	36143	4	5,30,43/03	37221	13	6,10,11,12,13,14,15,21,
25485	45	36/03;10/04	27160	2	8,13,35/03	36161	10	4,10,18/03			23,29,30,32,50,51,52/03;
25487	2	36/03;10/04	27161	4	8,13/03	36162	10	4,18/03			5,8,11/04
25524	43	5,20,24,26,32/03	27163	21	8/03	36163	13	4,18/03	37222	13	21,22,30,46,52/03
25525	17	5,26/03	27183	8	9/03	36164	7	8,15/03	37223	14	21,26,27,30,32,34,35,39,
25526	2	24,32/03	27186	8	9/03	36165	6	10,27,30,43/03			43/03;7,11/04
25527	31	24,32/03	27206	18	9/04	36180	23	4,27,44/03;13/04	37224	11	22,23,30,37/03
25550	2	21/03	28004	1	8,9,22/03	36181	18	4/03;13/04	37226	17	8,9,12,14,17,21,23,51/03
25563	50	14,18,21/03	28006	1	8/03	36182	6	27/03;13/04	37228	14	8,14,23,27,29,30/03
25566	27	18,30/03	28050	3	26,42,47/03	37000	22	14,23,43/03	37229	15	8/03
25567	16	21/03	28084	4	17/03**	37005	16	5,12,13,15,23,28,29,30,	37230	14	28/03
25570	3	16/03	28150	3	8/03			50,51/03;5,8/04	37231	18	6,10,12,14,50,52/03;8/04
25575	4	35,39/03	28154	2	38/03	37010	23	10,12,13,15,19,23,27,28,	37232	12	29,31/03
25600	47	25,27/03;1/04	28165	19	6/04			29,30,43,50,51/03;5,8,	37234	13	7,8,31/03
25607	4	48/03	28190	2	18/03			12/04	37235	11	17/03;5/04
25608	21	16,26,34,38/03;1/04	28196	4	18/03	37025	26	24,25,27,31,33,34,36,38,	37238	6	17,21,30,33,37,40,41,
25609	5	1/04	28197	4	18/03			41,43/03;3,4,10,11/04	37241	17	26,27,30,32,33,35,37,39,
25610	8	2/04	28221	18	5/03	37032	2	6,25,31,38,42,43,45/03;3,			43,45/03;7/04
25611	22	1/04	28302	16	12/03;7/04			4,9/04	37242	10	26,30,32,35,39,43/03;
25613	2	25,27,47/03;8,13/04	28310	2	7/04	37033	2	33/03			11/04
25640	40	15,25,31,34,39,52/03	28325	2	5/03	37034	2	8,14,33,41/03;10/04	37243	7	27,30,32,37/03
25641	26	1/04	29002	9	18,29/03	37043	17	43,46/03;12/04	37244	11	23,26,27,28,30,32,33,35,
25644	13	20/03*	29012	8	7/04	37046	18	43,46/03;12/04			37,39,43,45,46/03;7/04
25649	19	44/03*	29015	5	16/03;7/04	37050	9	10,12,17/03;12/04	37246	14	21,24,27,30,32,33,35,39,
25650	33	25,30,31,39/03	29040	3	39,48/03;7/04	37060	3	9,13,18,43,46/03;12/04			40,43,45,46/03;1,11/04
25653	13	8/03*	29101	6	7,8,13/04	37061	15	5/03	37248	18	21,23,24,26,27,30,32,35,
25659	9	20/03*	29105	5	49,50/03;8,11/04	37063	21	43/03			40,41,43,45/03;7,12/04
25663	27	17,30,39/03	29107	2	29,36/03	37075	3	5,18,43,43/03;12/04	37258	4	11,22/03
25664	15	17,30,39/03	29121	5	8,12,13/04	37080	3	4,7,9,14,15,18,20,21,	37261	10	7,11,20,22/03
25666	17	17/03;11/04	29127	4	29,39,42/03			22/03;12/04	37262	20	11/03
25667	20	15/03	29141	3	29,39/03	37082	9	11/03	37264	3	15,22/03
25668	18	13,34/03	29142	3	7/03	37086	8	4/03	37265	3	7,17,32/03
25670	42	2/04*	35000	26	14/03	37088	9	5/03	37281	15	15,22/03
25671	18	21/03*	35008	21	5,25,27/03	37089	12	4,13/03	37320	16	9,10,11,P12,15,17,21,24,
25673	15	43/03	35009	19	5,10,14,49/03	37090	8	7,9,14,16,22/03;12/04			36,38,44/03;7,12/04
25675	9	20/03*	35011	2	25/03	37095	3	7,9,11,14,15,16,20,22,32,	37325	8	15,18/03
25677	20	32*,39,52/03	35032	16	12/04			39/03	37326	2	15,18,21,36/03
25679	10	20/03*;11/04	35036	21	10,15,27,43/03;12,13/04	37106	4	32/03	37328	2	11,15,21,24/03
25681	16	28*,34,39/03	35040	18	4,8,10,14,21,49/03;12/04	37110	11	20,25,31,32,39/03;12/04	37330	2	9,13,14/03
25683	18	32*,34,39,52/03	35041	8	4/03	37115	2	7,25,31,32,39/03;12/04	37342	3	11,15,21,45/03;12/04
25685	9	22*,52/03	35042	9	4,14,49/03;8/04	37120	2	4,6,21,23,24,25,26,27,30,	37343	10	12/04
25687	12	30/03*	35060	14	10,14,49/03			32,39,42,43,44,45/03;	37344	11	21,38,45/03;13/04
25700	3	15/03	35080	16	49/03			12/04	37360	15	9,10,11,15,17,21,24,31,
25848	25	5,13,15/03;11/04	35081	15	22,27/03	37121	11	25/03;12/04			36,38,43,44,44,45/03;9,
25849	13	12/03	35082	7	22,27/03	37122	12	19,31,44,45/03;12/04			11,12,13/04
26001	4	9/03	35083	8	20/03	37123	9	6,20/03	37362	6	4,17,22,32,33,38,39/03;
26050	1	26,47/03	35086	5	22/03	37125	15	6,9,20/03			12/04
26060	1	42/03	35100	14	5,30/03	37127	11	4,6,20/03	37363	8	4,17,32/03
26068	11	18,50/03	35120	13	5,30/03	37129	6	4,6,20,23,24,25,26,27,30,	37380	2	9,10,17,21,38,39,41,
26081	8	16,42,43/03	35130	3	5/03			42/03;7,11,12,13/04			43/03;7,11,12,13/04
26100	4	31/03	35135	1	5/03	37134	5	45/03	37400	10	6,10,20,31,34,36,41,43,
26122	30	22/03*	35144	3	11/03	37136	6	30/03			46,47/03;1,7,9,11/04
26125	3	41/03	35155	3	25/03	37137	6	30/03	37401	9	4,6,13,14,22,31,36,43,
26127	21	5/03;11/04	35200	7	5,25/03	37140	33	4,6,16,24,25,30,32,42,43,			44,47/03;1/04
26128	50	5/03	35255	3	14/03			44,45/03;12/04	37402	7	4,13,14/03;1/04
26129	11										

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37423	5	14,21,41/03	43240	4	12/04	44051	1	11,14,22,25,26,27/03;1,2, 9/04	44280	9	6,12,15,19,22,34,44,47, 50/03;11/04
37443	2	38,45/03;7/04	43244	4	12/04	44057	5	29,30/03	44281	2	12,15,19,21,22,27,45,49, 50/03;11,12/04
37445	1	34,38/03	43245	4	12/04	44061	21	24,32/03;1,6/04	44282	1	13,17,19,21,26/03
37446	2	34/03	43247	5	44/03	44062	8	28,40/03;1/04	44283	2	8,21,43,45,49,50/03; 13/04
37461	9	6,20,25,36,50/03;3/04	43248	3	9,44,46,47/03	44063	8	17/03;1/04	44284	2	6,42,44/03
37463	6	43/03;1,2,3,4/04	43249	2	10/04	44064	19	22,28/03;1,6/04	44285	1	15,40,44,47/03;11/04
37481	7	6,7,14,30/03	43252	1	44,46/03	44065	7	16,17/03;6/04	44286	1	27,40,47/03;11/04
37501	3	7,8,20,33/03	43260	4	46,47/03;10/04	44066	10	31/03;6/04	44310	5	7,37,50/03
37505	2	7,33,41/03	43261	5	46/03	44067	22	16,17,28/03;6,9/04	44313	1	36,37,39,40/03;11/04
37506	4	8,20,33,48/03;11/04	43262	5	46/03	44068	11	10,11,13,40,51/03;9/04	44319	2	4,6,9,10,P20,26,27, 28/03;2/04
38320	3	35/03	43263	7	37,44,46/03;1/04	44069	16	11,13,17,22,23,40/03; 9/04	44320	4	6,8,9,15,P20,25,26,37,49, 50,51/03;2,12/04
38480	6	48/03	43264	2	46/03	44070	7	28/03	44321	6	6,8,44,45/03
38528	4	N20/03	43265	2	37,46,47/03	44071	4	29/03	44340	11	4,6,8,9,15,17,P20,26,33, 37,49,50,52/03;2,6,7,11, 12/04
38580	8	18/03	43266	1	47/03;10/04	44072	4	40/03	44341	7	7,9,P20,26,52/03
38585	4	18/03	43280	5	37,40,47/03	44075	4	13,23,40/03	44342	8	6,52/03
38607	2	1/04	43281	6	27,37,44,46,47/03;1/04	44076	3	22,28,30,32/03	44352	2	4,6,7,8,12,15,17,19, 49/03;2,7/04
38610	1	1,13/04	43283	6	27,37,40,43,47/03;1/04	44081	9	9,13,46,48/03;9/04	44360	9	4,9,10,20,27,28,30,31,32, 37,39,44,52/03;2,11/04
38641	4	3,13/04	43284	4	40,43/03;1/04	44082	11	9,33/03	44361	6	4,10,15,21,26,27,28,35, 52/03;4,6/04
38650	1	3,12,13/04	43285	5	44,49,51/03	44083	8	9,11,24,25,26/03	44365	1	7,8,26,27,43,52/03;4,11, 13/04
38670	2	1,13/04	43287	2	27,37/03;1/04	44084	1	6,11,26/03	44366	1	44,52/03
38682	3	13/04	43300	5	49,51/03;10/04	44085	2	51/03	44367	2	6,39/03;13/04
38683	3	13/04	43301	4	49/03	44100	7	9,11,12,13,22,31,40,41, 46,48,49,51/03;6,9/04	44400	4	4,6,7,8,9,12,15,17,19,23, 24,25,27,34,41,49,50, 51/03;7,12/04
38690	2	13/04	43302	4	10/04	44105	2	5,6,8,24,26,27,41,47,48, 52/03;3/04	44410	7	10,12,19,24,41,49/03;6, 12/04
41000	2	15/03	43303	4	43/03	44120	7	9,10,15,19,20,22,23,24, 27,33,39,40,41,45,48, 49/03;1,3,9/04	44416	2	6,10,21,23,24,26,31,40, 44,47,50/03;9/04
41060	3	52/03	43304	2	43/03;10/04	44140	8	6,19,21,23,24,26,31,40, 44,47,50/03;9/04	44417	2	5,7,10,16,26,27/03;2/04
41100	2	N46,N52/03	43320	5	49/03	44160	7	5,6,11,13,14,15,20,26, 31,41,47,48,49/03;2,5,9, 11,13/04	44418	5	6,10,21,35,39,41,48,49, 49/03;1,3,9/04
42003		N23/03**	43323	4	27,49/03	44161	2	6,10,21,35,39,41,48,49, 49/03;1,3,9/04	44419	8	6,19,21,23,24,26,31,40, 44,47,50/03;13/04
42004	1	N23/03*N13/04	43324	4	27,49/03	44162	1	24,47/03;9/04	44420	6	8,9,10,11,12,14,17,22,25, 27,40,44,49/03;5,8,9, 11/04
42036	2	43/03	43340	13	49/03	44178	2	5,7,10,16,26,27/03;2/04	44430	2	6,10,11,12,13,14,15,23,24, 26,27,41,45,49,50/03;2,3, 9/04
42038	2	43/03	43341	7	12,49/03	44179	2	10,16,35,39,51,52/03;3, 8/04	44444	6	9,12,30,34,35,36,38,41, 52/03;7,13/04
42141	3	6,12/04	43342	7	26,49/03	44180	6	5,7,8,9,20,26,43,48, 50/03;2,3,6,8,11,12/04	44461	10	6,10,24,25,26,28,31,36, 47,50/03
42160	3	7,38/03;12/04	43344	3	39/03	44182	4	15,18,27,42,43,46,48, 49/03;1,2,6,8,12/04	44462	4	27,39/03
42301	3	38,52/03	43360	21	6,10,13,17,20,21,28,30, 32,43,52/03;5,7,11/04	44183	6	6,8,9,10,19,20,25,27,35, 39,43,46,49/03;2,13/04	44463	9	24/03
42560	5	31,38,40/03	43362	5	44/03	44184	9	10,13,20,22,32,48,52/03;	44465	2	6,25,47/03
42580	5	40/03	43366	4	44/03	8,11/04			44481	2	24,26,31,50/03
42600	5	14,30,40/03	43368	5	43,48/03	44185	7	10,27,32,48,50/03;9, 11/04	50002	7	4/04
42620	5	14,38/03	43369	6	43,48,50/03	44186	2	5,8,9,10,15,16,25,27,29, 49/03;1,3,11,12/04	51007	22	7,27,33,40/03;9,10/04
42640	6	38,40/03	43370	7	47/03;12/04	44187	2	5,6,9,13,25,27,39,44,48, 50,52/03;2,6/04	51013	4	7,21,33,36,45/03
42660	5	38/03	43371	13	38,43/03;10,12/04	44192	1	18,23,39,43,44,48/03;1,2, 5,8,9,11/04	51017	31	24,40,44/03
42740	5	6,25,31,40/03	43372	4	10,12/04	44193	1	7,15,18,43,48,50/03;5,6, 9,12/04	51022	11	44/03
42742	3	6,8,30/03;11,13/04	43373	8	17,20,40,42,49,50,52/03; 8,9/04	44200	9	4,9,12,13,22,27,37,43,47, 50/03;12/04	51027	8	45/03
42760	5	8,19,24,25,47,52/03;2,11, 13/04	43374	1	43/03;10/04	44203	1	5,10,13,20,23,24,26,27, 31,39,43,52/03;2,8,12/04	51032	10	45/03
42762	3	N25,N30,N47,N52/03;	43375	7	6,7,10,12,16,18,23,42,44, 50,51/03;5,11/04	44204	1	5,15,25,52/03;2,8,12/04	51061	14	7,15,17,19,21,22/03;4/04
42765	3	47,50/03;2/04	43377	2	47/03	44205	2	5,7,12,15,19,22,26,27,29, 31,39,43/03;11/04	51062	28	15,17,19,22/03
43000	4	9/03	43378	2	38/03	44206	1	4,5,13,16,17,23,27,50/03;	51064	2	17/03
43015	12	9/03	43382	2	48/03	9/04			51081	10	5,6,13,15,17,21,22,45/03; 6/04
43030	24	9,10,11,12,13,15,17,22, 27,28,30,32,46,48/03;1,3, 6,8,9/04	43384	1	4,5,6,7,10,11,12,13,15, 16,17,18,23,25,26,27,32, 39,41,48,49/03;11/04	44207	8	45/03	51082	7	5,7,13,15,17,21,22,45/03
43040	6	38,47/03;2/04	43385	1	5,11,13,20,23,24,26,42, 46,49,51/03;8,11,12/04	44208	9	4,5,6,13,25,27,39,44,48, 50,52/03;2,6/04	51100	7	6,7,8,9,14,27,33,34, 41/03;10/04
43059	3	20/03	43386	2	47/03	44209	1	5,15,25,52/03;2,8,12/04	51013	4	7,21,33,36,45/03
43060	4	27/03	43400	16	44/03	44210	1	4,5,7,12,13,27,50/03;	51017	31	24,40,44/03
43080	4	44/03	44001	2	6,7,8,9,11,13,14,P20,23,	44211	1	19,21,52/03;3,11/04	51022	11	44/03
43082	5	47/03	44015	8	6,7,8,9,10,11,13,14,24, 26,40,44,47,50/03;1,8,9, 11/04	44212	1	10,27,32,48,50/03;9, 11/04	51027	8	45/03
43106	6	44/03;7,10/04	44020	7	4,8,9,13,19,48,50/03;	44213	2	5,6,9,13,25,27,39,44,48, 50,52/03;2,6/04	51032	10	45/03
43107	1	7/04	44023	5	46/03	44214	1	18,23,39,43,44,48/03;1,2, 5,8,9,11/04	51061	14	7,15,17,19,21,22/03;4/04
43120	4	5,7/04	44024	7	4,8,9,13,19,48,50/03;	44215	1	10,27,32,48,50/03;9, 11/04	51062	28	15,17,19,22/03
43122	3	7/04	44025	7	4,8,9,13,19,48,50/03;	44216	1	5,10,13,20,23,24,26,27, 31,39,43/03;11/04	51064	2	17/03
43123	3	7/04	44030	7	4,8,9,13,19,48,50/03;	44217	2	5,6,9,13,25,27,39,44,48, 50,52/03;2,6/04	51081	10	5,6,13,15,17,21,22,45/03; 6/04
43124	5	3,5,7,10/04	44034	2	13/04	44218	1	18,23,39,43,44,48/03;1,2, 5,8,9,11/04	51082	7	5,7,13,15,17,21,22,45/03
43125	7	44/03;7,10/04	44036	5	13,16,17,20,23,28,30,32, 52/03;5/04	44219	1	19,21,52/03;3,11/04	51100	7	6,7,8,9,14,27,33,34, 41/03;10/04
43126	4	5,7/04	44041	7	9,10,13,16,20,23,28, 52/03;5,8,9,13/04	44220	9	4,9,12,13,22,27,37,43,47, 50/03;12/04	51109	5	5,12/04
43127	5	20/03;1,3/04	44043	5	16,22,52/03	44221	1	19,21,52/03;3,11/04	51120	6	6/03;4/04
43140	4	12,35,38/03;1,5/04	44044	6	6,10,13,16,44/03;9/04	44222	1	19,21,52/03;3,11/04	51135	1	22,46/03;4,5/04
43141	5	12/03;5/04	44045	6	22,44/03;5/04	44223	1	19,21,52/03;3,11/04	51142	2	6,13,15,22,33,40,45/03
43142	4	12/03;1/04	44046	10	22,24/03;1,6/04	44224	1	4,5,13,16,17,19,24,28,40, 46/03;6,11/04	51143	4	6,40,45/03;9/04
43143	4	12/03	44047	22	10,12,22,24,30,31,32,40, 48/03	44225	1	4,5,17,19,23,28,40,41,45, 46/03;9/04	51144	3	15,46/03;9/04
43144	4	6,12,43/03	44048	11	5,12,18,22,25,27,31,40, 48/03;9,13/04	44226	1	5,10,13,16,21,40,45,46, 48/03;3,11/04	51145	2	13,22/03
43145	4	12/03	44049	9	8,14,22,30,31,40,48, 50/03;1,2,9,12/04	442					

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
51165	8	4,8,10,14,16,39/03;5, 8/04	53058	2	4,37/03	54095	3	8,15,30,42/03	55046	4	18,19,35,36,41,46,50/03; 6,8,9/04
51166	3	N39/03	53060	14	4,5,9,10,12,14,31,36,39, 44/03;6,11/04	54105	3	8,13,17,19,50/03;10/04	55047	8	41,49,51/03;6,7/04
51167	6	4,8,10,16/03;5,8/04	53061	10	12,16,17,38,44/03	54115	3	15,30/03;10/04	55048	12	20/03;1,8,13/04
51168	2	4,8,45/03	53062	13	14,16/03	54120	5	15,17,19/03;10/04	55060	7	28/03
51180	5	13,16/03	53063	9	33*,37/03	54125	3	15,17,30,47/03	55061	1	28/03
51200	4	14/03	53064	6	10,20,39/03;11/04	54131	2	50/03;12/04	55062	5	28,33/03
51220	8	18,43,45,46/03	53065	2	39/03;11/04	54140	7	15,30,47,51/03	55063	1	6,44/03
51222	6	16/03	53066	2	20,39/03;11/04	54151	1	3,42/03	55064	3	6/03;8/04
51223	2	17,18/03	53081	8	4,5,11,16/03	54161	12	10,20,21/03	55082	9	5,25,32,44,46,50/03
51240	2	43,46/03	53082	13	7/04	54165	2	38/03	55084	7	39/03;11/04
51260	4	16,18,28,43,44,52/03	53083	8	9,10,21,22,41/03	54166	3	10/03	55085	9	5,31,33,36,39,46,50/03; 9/04
51261	23	5,6,13,15,19,40,46/03; 12/04	53084	6	14,16/03	54167	2	20/03			
51263	23	13,17/03	53085	6	14,16/03	54168	1	10,17,38/03			
51341	23	6,16,34/03	53086	8	17/03;11/04	54169	3	17,38/03			
51342	3	5/04	53087	9	17/03	54180	6	5,30,42,47,51/03	55100	8	6,28,29,33,34,39,43, 44/03;6/04
51344	2	5,7,16,18,44/03	53089	4	21,22,23,41/03;9/04	54181	7	48/03*	55101	4	7,25,32,34,38,39,42,43, 46,50/03;2,4,6,9,11, 13/04
51380	5	42/03	53090	1	50/03	54200	4	5,8/03	55102	3	4,5,15,25,32,36,43,46,50, 52/03;2,6,13/04
51420	5	42/03	53093	2	41/03;8/04	54201	6	8/03	55103	2	4,5,7,15,19,20,25,26,27, 31,35,36,38,42,43,45,46, 50,52/03;2,6,13/04
51440	4	42/03	53100	16	6,10,13,18,20,21,24, 31/03;11,13/04	54222	4	20/03	55104	2	4,5,7,14,19,31,33,36,45, 46,52/03;2,6,13/04
51500	6	20/03	53101	7	8,13,16,24/03	54223	2	8/03	55105	7	14,15,29,33,36,42,43,48, 52/03;3,9/04
51540	3	22,45/03	53104	2	20,24/03	54224	2	8/03	55110	2	6,29,43,44,51/03;3/04
51560	11	50/03	53105	20	8/03	54226	2	47/03	55120	2	6,14,28,33,34,42/03;2/04
51562	10	50/03	53106	6	21,33/03	54227	2	47/03;12/04	55127	2	10,14,24,27,32,36,51/03
51580	13	41/03	53107	16	6/03	54266	2	13/03	55128	2	4,5,8,14,26,27,28,32,34, 43,50/03;2,6,9,11,13/04
51600	12	20,39/03	53110	1	10,15,17/03	54279	4	15/03	55129	7	6,15,27,34,35,42,45, 46/03;6,9,11/04
51620	10	20,39/03	53111	3	11/04	54280	10	5,15,22/03	55130	2	5,14,19,32,33,34,39,42, 46,50/03;2,6,9,11/04
51621	9	20/03	53120	14	5,6,7,13,17,31,35/03;11, 13/04	54284	1	15,34/03	55131	1	6,19,25,38,39/03;6,9/04
51641	4	32,34,40/03	53122	3	7,8,16/03	54287	7	5,15/03	55133	3	5,14,34,36,38,46/03;6/04
52031	1	6,21,48,49/03;7,10,13/04	53123	3	7,29/03	54302	1	21/03	55138	4	5/03;6,9/04
52039	4	5*,7,8,9,13,14,18,21, 45/03	53125	2	13/03	54318	3	14/03	55139	5	6/04
52040	17	13,16,18,34/03;13/04	53130	1	10,13,18/03	54320	4	24,25/03	55140	2	5,14,29,33,34,35,36,42, 45,46,47,52/03;2,9,11/04
52042	6	22/03*	53133	4	33*,45/03	54329	4	5/03	55150	2	15,36,48/03;3/04
52043	21	6,7,48,50,52/03;1/04	53135	2	7/03	54332	3	25/03	55160	2	29,41,42/03;3/04
52046	21	6,7,16,18,21/03;12,13/04	53147	3	6,7,10,13,17,20,35/03	54334	3	5/03	55161	1	17,41,42/03
52047	11	7,8,34/03	53149	2	11/04	54335	3	24/03	55170	2	46/03;6,9,13/04
52048	3	8/03	53160	14	3,6/03	54339	8	12/03	55180	2	15,29,33,36,39,42,45,46, 47,52/03;2,9,11/04
52054	1	14/03	53161	8	3,8,13,18/03	54340	8	3,4,24/03	55190	2	6,20,27,39,40,51,52/03;2, 3,6,9/04
52055	1	14/03	53162	7	15/03	54341	4	23/03	55200	2	8,10,20,25,26,27,28,32, 33,36,39,42,45,46,47,50, 52/03;4,11/04
52060	16	7,12,P20,26,29,34/03; 6/04	53165	13	8/03	54343	10	4,5,11,12,13/03;6/04	56011	1	5,52/03;10/04
52061	2	7,12,20,P20,26,29,34/03; 6/04	53180	10	3,6,7,13,15,18,20,21, 29/03;11/04	54344	6	24/03	56031	1	17,21/03
52062	7	7,12,23,29,34/03;1,6, 7/04	53181	4	13,21/03	54346	8	11,12,13/03	56041	4	21/03
52066	3	14,16/03	53182	4	15,16/03	54350	4	37/03	56060	9	27*,38/03
52080	14	4,7,10,11,12,14,20,P20, 26,48,49/03;5,7/04	53184	5	6,13,18,20/03	54351	7	26/03	56063	1	16/03
52082	3	11,12,20,P20,26/03	53200	6	5,6,7,15,16,20,30/03;4, 11,12/04	54352	3	3,33,37/03;6/04	56064	6	16/03;8/04
52083	2	16,46,48/03	53201	6	18,21,38/03	54356	6	11,21/03	56065	3	16,38/03;8/04
52084	2	4,10,11,12,14,18/03	53202	6	15,17/03	54368	4	50/03	56067	3	20,38/03;8,10/04
52085	3	4,11,16,46/03	53203	11	5/03	54369	4	20,21,34,50/03;2/04	56081	19	5/04
52086	2	4,9,11,14,36/03;5,7/04	53204	10	5/03;1/04	54380	6	3,16,18,28,34/03	56082	16	29/03
52087	1	6/04	53205	3	5,26/03	54382	9	16,28,40/03	56100	14	33/03*
52088	3	10/04*	53206	6	5,25/03	54386	10	16,18/03	56101	6	5/04
52092	1	16,48/03	53220	6	5,16/03;4,10,12/04	54387	7	16,18,30,39,42/03	56102	23	5/04
52120	12	6,11,16,18/03;6/04	53226	3	3*,17,18,35/03;12/04	54400	8	3,16,22,30,36,37/03; 13/04	56103	6	33/03;5/04
52121	8	6,8,11,16,23/03	53242	12	13/03	54403	4	24,30,36/03	56104	3	22/03*,5/04
52122	14	11,14/03;13/04	53262	8	1/04*	54407	4	3,7,16,30,37,49/03;13/04	56105	1	38/03*
52124	1	6/04	53263	1	17/03	54409	2	7,8,12/03;13/04	57000	10	43/03
52125	1	8,11,16,18/03	53264	5	17/03	54413	3	37/03	57029	9	12/03
52140	6	3,12,18,29,46,49,52/03;5, 7,12/04	53265	6	15,16/03	54416	5	33,37/03	57035	10	10,12,23/03;4/04
52141	5	41,44,46,49/03	53268	4	7/03	54417	1	30/03*	57060	7	43/03
52142	2	12,18,23,29/03	53269	5	17/03	54418	4	3,7,16,30,37,49/03;13/04	57103	2	16/03
52143	8	18/03;7/04	53279	3	7,15/03	54419	2	3/03	57170	1	52/03
52144	5	3,7,8,10,14,16,18,21,23, 47/03;7/04	53281	4	15,18/03	54421	6	36,41,43,46,49/03	57200	6	11,52/03
52160	7	5,05/23	53283	4	40/03;6/04	54422	4	46/03	57201	5	52/03
52161	14	6,11,14,52/03	53285	4	7,15/03	54423	5	17/03	57220	4	11/03
52164	2	14/03	53287	6	5,7,8,10,15,22/03	54430	1	36,43/03;2/04	57241	12	31/03
52170	3	14,16,42,52/03;10/04	53301	4	22/03	54440	4	17,38/03;13/04	57242	8	41/03
52172	2	52/03	53306	2	31,43/03	54462	5	17,51/03;4/04	57245	1	41/03
52180	14	8,10,13,15,16,50/03;6/04	53311	3	37/03	54463	5	1/04	57260	3	23/03
52183	9	52/03	54040	3	6,10,20/03;11/04	54464	5	17/03	57261	2	23/03
52200	8	7,17/03	54041	7	4,8,16,17,24/03	54480	8	17,21/03;7,13/04	57262	4	23/03
52220	7	27/03	54043	2	17/03	54481	8	33,43/03;7,13/04	57381	12	15,16,23/03;4/04
52221	7	27/03	54060	5	16/03;6,12/04	55001	4	14,15,28,29,33,35,36,39,	57400	4	12/03
52223	4	27/03	54061	11	42/03	55040	4	16,20,21,35,36,39,41,42, 50,52/03;6,9,13/04	57408	2	12,24/03
52240	9	27/03	54063	3	13/03	55041	7	21,43,49,50/03;25,13/04			
52262	6	4/04	54081	3	10/03	55042	1	17,35,37/03;9/04			
52263	5	4/04	54082	12	10/04	55043	2	37,52/03			
53011	2	7,10/04	54083	4	10/04	55044	5	16,42,52/03;1,2/04			
53031	1	5,12,14,24,31,49/03;6, 7/04	54085	2	15,24,42/03	55045	2	39,52/03;3,9/04			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
57420	3	12/03	62343	3	8/03	63102	19	15,30,40/03	71401	1	5/03
57460	4	10,12,29/03	62350	3	10/03;13/04	63103	17	15,16/03	71402	1	4,5,6,33/03
57471	3	12,15/03	62355	6	8,29/03	63110	4	16/03	71410	1	12,23/03
57472	2	12/03	62360	5	12/03	63111	9	9/03	71420	1	3,12,14,23/03
57480	8	12,15,23,27/03	62361	2	N12/03	63120	2	8/03	71430	3	11*,20,23/03
57482	12	24/03	62366	4	33/03*;9/04	63121	5	5,8/03	71440	2	11*,23/03;11/04
57483	11	24/03	62391	5	33/03*	63200	5	30/03;10/04	71445	1	7/03
57484	19	15,23,24,27/03	62393	7	8/04	63201	9	30/03	71450	1	7/03
57488	6	24/03	62394	10	8/04	63205	2	30/03;10/04	71455	2	11*,23/03
61000	20	10,15,23,27,31/03	62395	3	25/03*	63210	3	16,30/03	71460	1	23/03
61020	2	27/03	62400	17	4,9,31/03;13/04	63240	4	19/03	71470	2	14/03
61036	8	7/03	62401	9	6,10,41/03;8/04	63250	6	11/03;5/04	72000	8	20,21,23,24,27/03
61040	6	10,31/03	62402	10	10/03*	63252	1	33/03	72007	10	5,7,11,27,50/03;9/04
61050	4	10,15,31/03	62404	3	6/03	63260	5	5/04	72014	10	7,19/03;9/04
61051	7	15,24/03	62405	8	43/03	63271	8	8/03;9/04	72021	8	7,20,23,27,50/03;9/04
61060	5	12,27,39/03	62406	2	28/03;9,13/04	63290	7	10,22/03	72028	7	22/03
61061	9	10,12,15,24/03	62408	7	10/03;8/04	63291	9	16/03	72035	8	8,21,27/03;9/04
61070	4	9,39/03	62409	6	7/03	63310	5	11/03;9/04	72045	2	8,27/03;9/04
61071	9	18,39/03	62411	1	10,13/04	63320	8	37,49/03;9/04	72050	4	23/03
61080	4	9/03	62412	12	52/03	63321	6	9,37,49/03	72070	4	9/03
61090	5	12,27/03	62413	12	28*,50,52/03;10/04	63322	2	9,49/03	72075	2	9/03
61091	5	12,18,24,27,35/03	62417	1	10,13/04	63324	1	9/04	72080	7	9/03
61092	13	18,27,35,39/03	62419	6	8/03	63330	9	4/03	72085	3	15*,50/03;9/04
61100	4	10,12/03	62420	5	8,52/03;10/04	63337	15	4/03	72094	2	7/03
61110	3	25/03	62432	17	50/03*;11/04	63370	1	20/03	72100	7	7,19/03
61111	12	25,27,34/03	62434	9	8,12,17,18,21,23,43, 50/03;14,5,11,12/04	63400	1	8,11/03	72103	2	4,6,7,19/03
61112	10	35/03	62437	10	30*,32,35,37/03;5/04	63410	6	8,9/03	72105	2	7,11,19,50/03;9/04
61130	3	9/04	62440	8	16*,41/03;8/04	63420	2	8/03	72107	2	7,19/03
61140	5	9/04	62442	6	24/03	71005	1	6,12,13,16,23/03	72110	9	9/04
61141	6	35/03;9/04	62446	3	43/03	71006	5	23/03	72120	3	9/04
61142	6	7,35,39/03;9/04	62449	4	8/04	71009	3	6,7/03	72131	3	11/03
61180	4	38/03	62451	7	5,9/04	71015	4	23/03	72161	10	10/03
61190	4	9/04	62453	4	16*,50,52/03;10/04	71018	10	7,12,13,15,21,25,26, 27/03	72173	2	9/04
61204	5	13/03	62457	6	11/03*	71027	9	4,5,14,18,23,33/03	72181	2	7,11,50/03
61300	2	7/03	62459	2	6,41/03	71033	31	3,12,14,15,23/03	72190	2	10/03
61310	2	7/03	62460	4	10/03;9/04	71036	8	12,14,23,26/03	72201	8/03	
61331	4	7/03	62464	2	4/03	71040	5	7,47/03	72203	2	9/04
61400	2	7/03	62480	2	16*,18,32,41/03;8,9/04	71045	2	23/03	72211	6	5,8/03
61410	2	7/03	62490	2	16*,17,18,21,32,50/03;9,	71066	1	6,7,10,24/03	72223	8	27/03
61433	1	7/03	62498	4	4,9,31/03;13/04	71081	3	21/03	72231	8	21/03
61434	2	7/03	62499	4	4,9,31/03	71180	29	7,12,13,15,21,23/03	72234	2	18,19/03
61541	8	41/03	62510	3	11*,12/03;8,9/04	71185	24	7,13,15/03	72236	1	9,12/03
61542	6	41,46/03	62512	3	N11*,N12/03;N8,N9/04	71186	2	7/03	73000	9	10,20,21/03;10/04
61560	2	7/03	62520	6	20*,28,32,41/03;8,9/04	71210	18	3,23,27/03	73002	4	5,11/03;10/04
61562	2	6/03	62521	4	N20*,N28,N32,N41/03; N8,N9/04	71230	11	6/03	73004	4	10/03;8,10/04
61581	5	28/03	62530	6	20*,28,32,52/03;9/04	71241	10	6,12,16,20/03	73006	2	10/04
61582	4	28/03	62531	4	N20*,N28,N32,N52/03; N9/04	71244	3	11/04	73008	8	11,13,23/03
61591	4	28/03	62540	6	8,12,17,18,21,30,35,43, 50/03;9,12/04	71247	18	5,6,8,14,17,21,22/03;11, 12/04	73012	6	11/03*
61610	7	34/03	62550	3	16*,28,32,52/03;5,9, 10/04	71248	2	10/04	73014	10	10/04
61611	11	34/03	62560	4	8,12,17,18,21,30,35,43, 50/03;9,12/04	71251	11	15,21,50/03;10,12/04	73016	4	10/04
61612	4	34/03	62570	4	8,12,17,18,30,35,37,43, 50/03;11,12/04	71252	10	5,6,7,13,14,16,17,21/03;	73018	3	10/04
61650	3	12/03	62572	1	50/03*;11/04	71255	6	28/03*;10,11,12/04	73020	9	9,21,22/03;10/04
62001	5	11*,28,50/03;9/04	62580	3	12,35/03;9/04	71257	2	5,6,7,12,13,16/03;10,11, 12/04	73022	4	10/04
62024	13	29/03	62584	2	7/04	71261	8	16/03	73030	4	22/03
62028	15	10/03;13/04	62590	2	8,12,17,18,21,23,30,37, 43,50/03;11,12/04	71262	7	6,33/03	73032	4	9,22/03
62032	16	11*,17,21,41/03;8/04	62591	3	N8,N12,N17,N18,N21, N23,N30,N37,N43, N50/03;N11,N12/04	71265	3	7,13,15,16,20/03;10,11, 12/04	73041	2	5/03
62033	3	N11*,N17,N21,N41/03; N8/04	62595	4	8,12,17,18,30,35,37,43, 43,50/03;11,12/04	71271	10	19/03	73141	5	10/04
62046	3	19/03*	62600	4	8,12,17,18,30,35,37,43, 43,50/03;11,12/04	71272	10	19/03	73191	3	7/03;10/04
62090	7	11/04	62602	7	45/03	71273	2	51/03	73271	7	13/03
62095	3	11*,32/03	62605	11	9/03	71275	3	6,16,19,33/03	73552	4	7,9,10,38/03
62097	6	38/03*	62607	15	4,9,11/03	71281	7	34/03	73570	7	10/03
62098	7	33/03*	62608	2	52/03	71285	3	13,19/03	73580	4	43/03
62100	6	P23,26/03;11/04	62609	15	4,9,11/03	71295	2	12,19/03	73581	4	3,43/03
62110	9	P23,26/03;9/04	62620	15	4,9,11/03	71305	2	13,23/03	73590	6	36,43/03
62142	10	32/03	62620	15	4,9,11/03	71311	4	7/03	73601	3	43/03;12/04
62143	3	32/03	62640	2	52/03	71314	5	6,10/03	73620	2	12/04
62177	3	12/04	62650	2	45/03	71320	1	5,14,33,38/03	73631	4	17,40/03
62188	3	50/03	62653	4	39,45/03	71325	8	5/03	73640	5	16,40/03;10/04
62191	15	11*,15,28/03	63005	18	16/03	71331	11	5,7,8,33,38/03	73650	5	40/03
62194	8	4/03	63010	14	44/03	71333	2	6,7,33/03	73653	1	40/03
62195	7	19/03*	63015	11	9/03	71335	2	8,38/03	74000	6	7,18,41/03
62220	9	21/03*	63020	15	4,9,11/03	71340	11	4,5,6,7,33/03	74002	2	31/03
62222	5	19/03*	63040	2	52/03	71343	3	7/03	74003	5	7,10,31,34/03
62225	3	17/03	63050	2	45/03	71348	5	12/03	74004	2	9,30/03;12/04
62230	2	50/03;9/04	63053	4	39,45/03	71349	2	23/03	74005	2	4,7,9,16,27,30,38/03
62241	10	9/03;5/04	63055	2	39/03	71350	13	5,33,38/03	74007	1	46/03
62242	11	9/03	63060	7	45/03	71353	11	5,7,8,33,38/03	74009	10	8,9,21,36,44/03
62250	4	32/03	63062	7	7,16,18,37,44,50/03	71355	2	6,7,33/03	74012	10	6,8,19,20,27,36,37/03; 8/04
62270	4	29,32/03	63063	9	20/03	71357	2	8,38/03	74015	10	21,31,36/03;8,13/04
62271	5	10/03;13/04	63065	6	44/03	71360	11	4,5,6,7,33/03	74016	3	27,42,48/03
62290	3	10,21,P23,26/03;11/04	63070	3	16/03	71364	3	7/03	74017	4	18,31,38/03;13/04
62295	3	21,P23,26/03	63090	8	15,30,40/03	71368	3	7,23/03	74020	4	5,18,31,38/03;13/04
62302	2	4/03	63091	4	9/03;5/04	71369	2	23/03	74021	7	7,10,26,31,35/03;13/04
62310	2	29/03	63100	2	30/03	71370	8	5,6,7,14/03	74024	7	36,49/03
62340	3	13/04	63101	15	15,30,40/03	71400	5	14,23/			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74030	6	42/03	74591	7	8,38/03;12/04	82095	2	12/04	93730	3	4,17,24,28,31,41,42,43,
74051	2	42/03	74595	2	42/03	82105	2	12/04			46,47,48,49/03;13/04
74151	9	20,29,40,41/03	75000	6	6,31/03	82192	6	43/03	93733	13	4,19,20,25,40,41,44,45,
74152	11	27,30,34/03;1,13/04	75001	3	5,6,31,32/03	82200	2	17,41/03;12/04			47,48,52/03;1,4,8/04
74153	2	27,41/03;1/04	75025	9	4,8,25,27,36,38,39/03;	82201	2	12/04	93734	12	51/03*,4/04
74162	4	8/03			8/04	82215	2	41/03	93736	24	11/04*
74171	4	3,10,18,20,40/03	75035	18	6,26,27/03;8/04	82244	5	20,39/03	93778	8	7/03
74172	5	7,10,18,40/03	75051	6	5/03;5,11/04	82253	7	20,39/03	94004	6	8,9,10,12,17,18,42/03;
74181	8	10,34/03	75052	2	10,11/04	82280		N39/03			6/04
74182	12	6,10,17,25,34,38,39,40,	75130	16	5,7,8,16,19,25,26,37/03	82683	4	17/03	94016	2	3,9,10,14,17,21,33,47/03
		41,42,49/03;11/04	75131	7	17,39/03	82684	3	7/03	94028	7	6,7,8,9,11,14,17,21,24,
74183	11	4,6,17,25,38/03	75132	11	17,19,25,29,32,35/03;	82689	3	17/03			27,31,33,40,51,52/03;1,
74184	10	17,34/03;8,11/04			9/04	82694	6	17/03	94033	5	19,21,23,29,42,44/03;2,
74186	7	4,10,17,21,27,30,36/03	75134	3	5,19,29,37,45/03;9/04	83010	6	6/03			12/04
74190	7	16,31,34,39/03	75142	5	35/03;9/04	83020	8	24/03	94040	13	6,8,10,17,18,28,31,43,
74191	2	7,9,29/03;5/04	75143	4	10/04	83025	1	12,45/03			51/03;13/04
74192	3	40/03	75144	3	4,10,18,25,30,38/03;	83026	32	6/03	94042	9	7,18,24,43,45/03;4,8,
74200	8	8,32,40/03			10/04	83039	11	6/03			13/04
74201	9	32/03;11/04	75150	5	16,19,26/03	83251	2	12/03	94060	10	7,8,10,12,14,15,18,24,31,
74202	3	7,27/03	75160	6	17,18,19,25,32/03	83252	8	12/03			42/03;11,13/04
74204	5	7,8,32,40,46/03;11/04	75170	12	8,25,38/03	83253	2	12/03	94061	5	23,41,42,52/03;11,13/04
74205	2	27,32,35/03;1/04	75171	22	6,16,26,35,38,40,44/03;	83425	6	3/04	94063	4	8,18/03
74206	2	27,32,35/03			10/04	83473	7	37/03	94067	10	10,11/03
74210	7	7,17,37,46/03	75172	5	49/03	83484	10	23,42/03	94080	7	10,19,22,32,51/03
74220	8	30,37,46,50/03;11/04	75173	9	6,20,26,35,38,40/03	83574	2	7/03	94082	8	8,19,22,51/03
74221	2	30,38/03	75175	9	6,18/03	83580	2	8,45/03	94120	6	9,10,17,18,21/03
74229	2	18,26,50/03	75176	9	25,26,32,40,44/03	83590	1	45/03	94122	7	35/03
74230	7	5,7,36,46,50/03;12/04	75177	7	6,26,38/03	91005	6	19,42/03	94123	9	9,10,15,17,18,28/03
74231	7	3,21,36,50/03;10/04	75180	2	8,25,38/03	91008	1	8,10,12/03	94124	13	10,15,17,25,28/03
74232	9	5,7,21/03;8/04	75185	2	8,36/03	91010	6	10,12/03	94127	2	6,9,13,16,18/03
74234	1	8,17/03	75190	2	25,36/03	91020	5	19,46/03	94160	7	9,10,12,16,17,18,19,28,
74240	8	4,5,7,8,9,41,46/03;13/04	75191	6	8,19,30,34,36,38/03	91025	8	46/03			31,41,42/03;6,13/04
74251	8	6,9,17,21/03	75193	5	6,10,16,19,35/03	91030	3	42/03	94164	2	12,16,19,41,42,43/03
74252	9	5,7,9/03;10/04	75207	2	4,16,33,37,43,49/03	91175	2	6/04	94165	4	18,24,43/03;13/04
74253	6	8,9,16,20,21,30/03;10,13/04	75208	2	30,33/03	91280	7	19,43,46/03	94180	9	23,28,44/03;6/04
74261	9	4,10,30,39/03	75213	2	33,38/03	91289	19	43/03	94187	3	14,23,36,45,46/03;12/04
74265	2	7,9,16,21,30/03;10,13/04	75220	12	4,20,26,39/03;8/04	91294	8	19/03	94188	2	8,28/03
74270	3	7,38/03;10/04	75222	8	1/04	91297	9	19/03	94201	1	24,28/03
74271	9	19,26,27,29,30,38/03;10/04	75240	4	4,27,39/03;8/04	91331	3	42/03	94203	10	10,11,24,41,42/03
74272	7	4,19,29,30/03;9/04	75241	6	26,35/03	91340	3	42/03	94206	3	11,19,44/03
74273	5	7,19,27/03;10/04	75251	5	3,19,37,40/03;13/04	92006	5	5/03;10/04	94207	5	N11,N19/03
74281	7	3,30,52/03	75261	6	3,6,26,31,38/03;1,13/04	92025	3	42/03	94216	6	10,17,42,44,47/03;1,5/04
74283	2	27,52/03	75262	6	16/03;1/04	92030	4	42/03	94217	4	6/03;2,5/04
74285	2	9,16,38,50/03	75263	9	5,26,31/03;1/04	92150	3	43/03	94218	3	6,18/03;2,5/04
74286	2	29,35/03	75264	17	27,32/03;1/04	92160	3	43/03	94219	1	46/03;6/04
74287	2	9,47/03	75265	2	6,20,31,32,38,40/03	92170	3	43/03	94220	4	8,10,11,17,18,33,42,44,
74289	5	9/03;10/04	76015	1	28,45,52/03;3/04	92290	2	19/03			47/03;5/04
74290	11	7,9,10,16,27,30,38,50/03	76040	8	47/03	92296	3	19/03	94260	5	6,11,31/03
74292	8	9,27,52/03;1/04	76050	8	18,28,52/03	92410	3	42/03	94280	5	15,32/03
74293	7	9,16/03	76052	8	4,5,28/03	92450	3	42/03	94281	6	6,42/03
74295	3	4,9,27,29,35/03;1/04	76054	5	52/03	93006	2	4,8,10,43,44,48/03	94282	9	8/03;7,13/04
74296	4	9,27,52/03	76056	3	9,37/03	93010	6	13,14,18,24/03	94283	7	8,12,32/03;7,13/04
74320	3	8,18,41,43/03	76060	7	52/03	93018	8	14,18,24/03	94290	2	7,31/03;7/04
74340	3	16/03	76061	3	9,52/03	93020	2	4,13/03	94322	14	8,47/03;6/04
74350	4	16,44/03	76070	9	28,45,47,51/03;3/04	93025	5	45/03	94360	6	6,13/03;2,8,12/04
74376	5	9,16,44/03	76071	9	28/03	93032	3	24/03	94361	13	13,15/03;2,8/04
74380	4	8,9,26/03	76080	8	18,47/03	93046	1	5/03	94363	4	16,18,29/03
74391	3	26/03	76081	7	28,37/03	93047	1	5,14,33/03	94380	4	N5,N6,N18/03
74392	7	25,49/03	76083	3	37/03	93049	1	4/03	94384	3	5/03
74393	9	3,39/03;13/04	76120	6	45/03	93160	4	14,24,47/03	94420	3	4,8,11,13,14,23,42,44,
74394	2	3,39/03;13/04	76121	8	47/03	93180	7	47/03			47/03;2,12/04
74410	3	7/03	76141	8	28,37,45,52/03	93220	6	47/03	94422	12	11/03;12/04
74420	3	19,27,30/03	76142	1	37,45/03	93240	11	16,24,47/03	94440	2	18/03
74450	3	37/03	76144	1	28/03	93241	9	8,16,25/03	95040	8	11/03
74455	3	4,38,49/03	76146	1	28,45/03	93244	7	16/03	95041	7	23,50/03
74460	4	6,20,37/03	76147	1	28/03	93245	6	16,24/03	95060	13	6,11,14,17,19,21,23,29,
74465	2	9,36,38,39/03	76160	4	28/03	93260	8	7,18,47/03			31,33/03
74470	2	8/03	76161	10	47/03	93261	5	7,47/03	95065	5	10,31/03
74475	2	42,48/03	76162	1	18,28/03	93280	4	18/03	95066	11	5,6,17,19,21,23,25,27,31,
74494	2	8,9,16/03	76170	7	28,52/03	93520	13	15/03			32,33,37/03;6/04
74510	2	5,10,17,18,35,38/03;13/04	76180	1	28/03/3/04	93610	3	6/03	95067	13	5,10,17,23,28,37/03
74515	4	4,7,10,31,35/03	81004	3	37*,43/03;9,10/04	93650	2	6,24,28,49/03;2/04	95068	1	12,14,17,25,28,29,37/03
74517	3	4,31/03	81048	9	52/03*,8,9/04	93652	2	3,6,24,49/03;2/04	95080	13	6,7,9,10,14,17,19,21,24,
74530	2	36,49/03	81054	14	52/03*,7/04	93680	3	24/03			25,27,28,30,31,32,48,
74535	2	36,38,49/03	81060	2	43/03;8,9,11/04	93690	2	6,45/03	95082	9	4,7,11,17,25,27,28,30,
74545	3	18,32/03	81063	5	47/03	93698	3	28/03/6/04			52/03
74545	4	5,32/03	81067	6	46/03*,12/04	93710	3	6,15,43,52/03	95083	8	4,19,28/03
74550	4	5,32/03	81076	10	41*,44/03;12/04	93720	10	8,15,17,20,24,28,42,43,	95084	7	8,12,17/03
74555	3	5/03;12/04	81092	3	32/03			44,48,49/03	95085	4	6,11,12,27,33/03
74560	10	4,5,18,31,32/03	81711	6	31/03;1/04	93721	5	4,11,17,20,23,25,40,41,	95086	5	6,8,11,12,23,27,31,33/03
74561	2	5/03	81715	4	31/03;1/04			43,44,45,46,48,49,50,	95087	3	8,30,31/03;1/04
74581	9	27,31,39,48/03	82005	5	17/03	93725	6	24,49/03	95100		

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 3/03 THROUGH NM 13/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95102	8	4,5,8,13,14,17,23,25, 27/03;1/04	96441	1	10,50/03	97183	9	5,9,14,16,18,22,26,43, 44/03	97342	14	17,18,22,27,43/03
95103	8	4,6,7,10,12,19,27,28, 31/03	96480	3	51/03;11/04	97184	15	7,12,14,18,22,39,44/03	97343	12	17,25/03;9/04
95120	7	4,14,21,26/03	96500	6	10,39/03;8/04	97185	2	7,46/03	97345	2	50/03
95138	8	8,16,17,19,23,24,25,27, 28,30,35,36/03	96520	7	10/03;8/04	97187	3	9,18/03;2/04	97360	6	5,7,13,18,27,43,45,47/03
95140	15	7,8,9,10,17,21,24,25,27, 29,33,35,37,51,52/03; 4/04	96540	5	10/03;11/04	97188	3	50/03*;7,9/04	97380	7	8,16,23,38,40,45/03
95141	8	6,7,8,17,19,21,23,25,29, 37,51/03;4/04	96580	3	10/03	97189	2	9,14,18,22,39,43/03	97381	7	7,13,27,43,45/03
95142	9	8,10,19,23,29/03	96620	3	38/03;11/04	97190	2	8,13/03	97382	2	4,42/03
95143	11	5,6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96621	5	10,38/03;11/04	97200	9	8,16,17,22,25,26,29/03	97383	16	5,7,13,42,46,47/03
95144	9	6,8,9,10,11,13,16,21,23, 24,35,37/03	96660	4	36/03	97201	7	18,28/03	97384	4	19/03
95146	14	8,9,16,21,23,24,31,32,35, 37,48/03	96762	4	50/03*	97202	15	20,25/03	97385	10	5,6,7,9,46,47/03
95147	13	5,9,19,23,25,28,29,31,32, 35,36/03	96763	7	9,17,32,37,45/03;6/04	97204	9	4,6,10,19,20,25,33,43,45, 47/03;13/04	97387	2	4,5,7,42,46/03;10/04
95149	9	8,9,19,24,25,27,30,32,35, 52/03	96764	3	34/03*	97205	3	18,28/03	97389	2	45*;47/03
95151	17	5,19,23,28,29,30,37/03	96883	9	11/04	97206	3	50/03*;13/04	97390	5	5,12,16,36/03;7/04
95152	5	6,9,19,28,30,31,32,35/03	96901	3	7/03	97218	3	6,33/03	97391	26	6,7,12,16/03
95153	2	19,25,32/03	96904	3	34/03*	97219	4	6,9,13,20,23,25,47/03; 13/04	97392	5	21,23,26,33,38/03
95160	13	6,8,9,11,17,19,21,24,25, 27,33,36,40/03;1/04	96910	1	10/03	97220	3	6,8,9,17,18,23,29,33,46, 49/03;6/04	97396	14	16,17,23,33,38/03;2/04
95161	16	5,6,8,9,10,17,19,23,25, 27,30,37/03	96911	4	4/03	97221	20	6,8,9,10,13,17,18,19,20, 22,23,25,26,29,33,46/03; 6,7,11,13/04	97397	7	16,26,44,49/03
95162	2	10,14,19,30,35/03	96938	4	4/03	97222	12	10,22,29/03;11/04	97398	4	43/03*
95163	2	6,9,10,13,14,17,21/03	96939	3	4,7,9,22/03	97223	3	16,17,22,23,46/03	97400	4	34*,44,49/03
95164	4	6,9,27/03	96941	8	47/03;9/04	97224	6	45/03;11/04	97410	9	50/03*;2/04
95167	10	6,9,11,14,17,21/03	96942	9	9/04	97225	31	6,8,9,10,17,18,19,23,25, 33,45,46,49/03;6/04	97412	7	47/03
95169	9	8,9,19,24,25,27,30,32,35, 52/03	96943	15	9,10,12,20,22,23,33, 42/03	97226	7	18,41/03;6/04	97420	17	8,10,33,38,40,45/03;1, 13/04
95171	2	11,16,23/03	96960	3	7,47/03	97227	11	9,18,30,34/03	97421	13	10,13,20,26,36/03
95172	1	6,9,21,37/03	96962	4	9,22,33/03	97228	15	5,6,9,15,17,18,20,21,22, 27,29,35,49,52/03;7/04	97423	2	13,20,26,36/03;10/04
95173	1	9,21,32/03	97000	3	17,40/03	97229	12	6,8,9,18,28,33/03	97425	6	6,8,10,45/03;1,2/04
95174	1	28/03	97005	9	47/03	97230	18	6,9,28,33/03	97440	8	16,19,27,43,47/03;9/04
95176	2	12,27/03	97021	7	40/03	97231	11	6,23,33/03	97441	5	47/03
95177	1	8,11,30,35/03	97029	3	40/03	97232	9	7/04*	97443	6	15,19,25,47/03
95178	11	6,9,10,21,23/03	97041	9	10,12,22/03	97233	11	5,6,9,15,16,23,33,35/03; 2,7/04	97446	7	5,19,21,47/03;9/04
95185	2	10,35/03	97042	7	14,20/03	97234	17	6,8,9,16,41/03;7/04	97447	5	N22,N33/03;N6,N10, N12/04
95200	6	23/03	97043	2	14,20/03	97235	2	52/03*	97452	8	33/03
95250	4	6,16,20,22,36/03	97060	8	12,14,22,26/03	97236	20	9,16,23,35,41/03;13/04	97471	5	23,27/03
95255	2	7,13/03	97062	12	6,10,22,26,34,35/03; 10/04	97237	6	41/03	97466	2	6,8,19,20,22,33,37/03;6, 12/04
95258	3	6,16,18/03	97063	2	48/03*	97238	11	12/04	97469	10	8,10,19,21,22,23,26/03; 9/04
95261	7	5,9,16,23,28,36,47/03	97064	2	6,14,33,45/03	97239	10	5,9,16,23/03	97474	7	22/03
95262	13	6,9,27,36/03	97065	2	48/03*	97241	6	10/03;1/04	97476	8	3,9,10,17,18,21/03
95264	8	25/03	97080	5	16,22,26/03	97243	8	5,6,21,27,33/03	97477	6	9,18,20/03
95267	5	13,20,23,26,36,49/03	97082	5	16,34/03;10/04	97244	5	9/03	97478	7	20/03;11/04
95268	16	6,9,13/03	97083	3	29,34,35/03	97245	11	5,9,29/03	97481	6	20/03;11/04
95270	4	9,10,13,20,21,22,23,26, 36,52/03	97100	4	16,17,26,49/03	97246	7	5/03;13/04	97483	7	16,18,20/03
95271	4	9,10,12,13,20,26,36/03	97101	2	50/03*	97251	4	6,10,17,36,52/03	97521	6	16,18,20/03
95273	2	12/04	97104	4	7,41/03	97261	15	5,7,18,21,26,44/03;1, 13/04	97564	3	16/03
95274	3	23,28,36,43/03;12/04	97105	3	41/03	97262	10	5,6,7,15,21,26,33,46/03; 2,13/04	800669	8	N1/04
95276	4	1/04*	97108	4	50/03*	97263	10	5,7,9,15,18,21,46/03;	800744	1	N5,N12,N13,N16,N36, N47,N50/03;N10/04
95280	9	8,20,26,52/03	97120	6	9,14,16,17,25,40,44,45, 49/03	97264	6	2/04	801217	1	N6,N8,N19,N20,N22, N33,N37/03;N6,N12/04
95281	15	7,10,14,36,45/03	97144	14	7,8,9,13,20,39,44,49/03;	97265	16	5,6,8,10,13,18,26,27, 42/03;7,9,13/04	801885	3	N34/03
95282	7	4,6,9,19,20,22,23/03; 12/04	97145	1	8,9,25,40,45,47/03	97266	10	6/03	801902	9	N25,N31/03
95285	3	18,20/03;12/04	97146	10	15,39/03	97267	5	5,6,7,14,15,18,26,42/03;	801953	1	N39,N52/03
95300	5	44/03;2/04	97148	9	9,27/03	97268	11	12,23,26,35,41,44/03;	802202	8	N7/03
95320	15	20,21,26,33,40/03;10, 13/04	97149	20	16,25/03;12/04	97269	11	9,13/04	802260	5	N1/04
95341	8	10,40,44/03;10,13/04	97150	13	20,27,42,49/03	97270	6	8,13,18,27/03;7/04	803404	2	N8/04
95342	16	9,13,16,20/03;10,13/04	97151	16	12,13,14,16,20,25,49/03	97271	12	6,10,12,26,35,41,44/03;	804059	2	N43/03
96016	7	51/03	97152	9	1*,6/04	97272	11	9/04	804567	4	N31/03;N9/04
96028	5	51/03	97153	8	52/03*	97273	11	9,13/04	805118	3	N12,N36/03;N12/04
96032	3	34,51/03	97155	14	12,13,18,20,28/03;10,	97274	19	34*,52/03;1,9,04	805647	2	N30/03;N8,N13/04
96036	2	36/03	97156	6	14/03	97275	3	52/03*	806927	8	N25,N30,N39/03
96039	7	23,44/03;8/04	97157	2	40/03*;1/04	97276	2	50/03*	807370	5	N17,N25,N30,N31, N39/03
96041	11	39,44,45/03;8,11/04	97158	5	50/03*	97277	11	5,6,8,9,14,35,39/03;1, 13/04	807861	2	N22/03
96042	11	10,21,39,40,44,45/03;8, 11/04	97159	6	7,14,16,44,46,52/03	97278	11	20,35,39,49/03;6/04	808365	2	N14/03
96043	8	11/04	97160	1	7,16,52/03	97279	9	9,27/03	809055	7	N16/03
96044	10	23,38,51/03;2,7/04	97161	1	21,46/03	97281	3	50/03*	809679	2	N12,N27/03
96120	6	21/03	97167	2	21/03	97283	3	9/03			
96320	4	51/03	97180	6	4,8,13,20,22,26,44/03	97285	6	7,13,17,36/03;7/04			
96340	4	45,51/03	97181	20	4,7,8,12,13,14,17,18,20, 22,23,26,27,35,44,46/03;	97286	6	6,8,10,13,17,35,36,38/03			
96379	1	10/03			1,7/04	97287	5	20/03			
96381	2	10,50/03				97300	6	13,25,26/03;6/04			
96382	2	10,12,21/03				97303	3	45/03			
96400	4	12/03				97320	6	14,25,46/03;6/04			
96440	3	11/04				97340	8	16,17,18,22,36,46,47/03;			
						97341	9	9/04			

SECTION II**NM 13/04****NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS**

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
	REGION 1							
11XCO11352 (7642014010208)	New Orleans to Calcasieu River-East Section	175,000	<u>37</u>	<u>12/03</u>	NOS	1-94	13/04	
14XHA14769 (7642014947701)	Canceled					1-46,96	13/04	
18XCO18445 (7642014011607)	Possession Sound to Olympia including Hood Canal (Folio) (Not shown on index)	Various	<u>30</u>	<u>11/03</u>	NOS	1-98	13/04	
	MISCELLANEOUS CHARTS AND PUBLICATIONS							
DNCDX009 (7644014332876)	Central Mediterranean		<u>17</u>	<u>1/04</u>	DS	10-43	13/04	
NOSPBCP6 (7642014008454)	<u>No. 6 Great Lakes, 2004</u>				NOS	10-25	13/04	

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
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NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 148 7 Ed 2001 LAST NM 5/04

Page 73—Line 48/R; insert after:

Regulations.—A national marine park called Corales del Rosario encompasses the waters surrounding Isla del Rosario, Banjo Tortuguilla, Islas San Bernardo, and the waters between them.

Ships, barges, fishing vessels, and major coastal craft are forbidden to sail through the channels between Isla Arena, Punta Baru, and Isla Grande.

(BA NM 8/04) 13/04

PUB 154 8 Ed 2002 LAST NM 12/04

Page 98—Line 5/L; insert after:

A navigable channel, about 130m wide, lies NE of Defender Shoal. It has been reported (2004) that a privately-maintained buoy marks the NE end of the shoal.

(BA NM 8/04) 13/04

PUB 159 8 Ed 2002 LAST NM 10/04

Page 217—Lines 22 to 25/R; read:

Pilotage.—Pilotage is compulsory for the following vessels and should be requested no less than 2 hours before arrival at the Hesaki or Mutsure Shima Quarantine Anchorages:

1. All vessels 10,000 grt and over passing through Kanmon Kaikyo.
2. Vessels 3,000 grt and over entering or departing Kanmon Ko.
3. Japanese vessels 1,000 grt and over, not engaged in international navigation, entering or departing Wakamatsu Ko sections 1 to 4.
4. Japanese vessels 1,000 grt and over, not engaged in international travel, entering or departing Kanmon Ko loaded with dangerous cargo.
5. Vessels 300 grt and over on international navigation or foreign vessels, entering or departing Wakamatsu Ko sections 1 to 4.
6. Vessels 300 grt and over on international navigation or foreign vessels, entering or departing Kanmon Ko loaded with dangerous cargo.

(BA NP 286(4)) 13/04

Page 219—Line 22/R; insert after:

Vessels entering or departing Kitakyushu Port should report the following to Port Radio on VHF channel 16:

1. A Prior Report, 2 to 3 hours before arrival at the outer harbor.
2. An Entrance Report, upon arrival at the outer harbor.
3. An Entrance Report, when anchoring in the outer harbor.
4. A Shifting Report, when weighing anchor.
5. A Docking Report, at the time of docking.

6. A Departure Report, at the time of departure.

(BA NP 286(4))

13/04

PUB 172 9 Ed 2001 LAST NM 12/04

Page 224—Lines 47/L to 4/R; read:

a depth of 15m. Prohibited entry areas, best seen on the chart, lie on each side of the harbor entrance at the head of each breakwater.

Berth information is given in the accompanying table.
(US NM 10/62417/04) 13/04

Page 224—Line 4/R; insert after:

New table titled **Ras Laffan—Berth Information (2004)** from back of this Subsection.

(Fairplay; Lloyds Ports; US CH 62417) 13/04

PUB 173 7 Ed 2002 LAST NM 51/03

Page 57—Lines 53 to 54/L; read:

to a depth of 14m, well marked by lighted buoys, and entered between breakwaters.

(BA NP 38) 13/04

Page 57—Line 12/R; insert after:

A depth of 15.1m is maintained within the harbor leading from the entrance to the turning basin.

(BA NP 38) 13/04

COAST PILOT CORRECTIONS

COAST PILOT 5 31 Ed 2004 Change No. 11 LAST NM 12/04

Page 325—Paragraph 100, line 18; read:
available. A marina, 0.4 mile E of the U.S. Route 301 highway bridge and on the S side of the river, has gasoline, water, ice, dry storage, and marine supplies available. Hull, engine and electronic repairs can be made; lift to 10 tons.

(CL 1505/03) 13/04

Page 336—Paragraph 274, lines 3 to 4; read:
diesel fuel, launching ramp, water, ice, marine supplies and lifts to 50 tons for hull and engine repairs.

(CL 1513/03) 13/04

Page 363—Paragraph 224, line 11 to Paragraph 225; read:
water, ice, pump-out station, launching ramp, and wet and dry storage are available. A 35-ton lift and a marine railway to 140 feet are available for hull and engine repairs. In June 2003, 8 feet was reported in the basin.

(CL 1178/03; NOS 11385) 13/04

Page 477—Paragraph 460, line 12; read:
is available in the lake in depths of 8 to 10 feet. A marina off the Calcasieu River, about 0.9 mile N of Lake Charles, has

COAST PILOT 5 (Continued)

gasoline, launching ramp, water and ice. (CL 1463/03)	13/04	Page 559—Paragraph 261, lines 9 to 10; read: a fixed span with a clearance of 73 feet. (NOS 11355)	13/04
Page 547—Paragraph 69, lines 3 to 4; read: a clearance of 9 feet. Near the E end of the ... (NOS/04)	13/04	Page 559—Paragraph 262, lines 10 to 12; read: there are facilities for engine repairs. (NOS 11355; CL 237/99)	13/04
Page 548—Paragraph 84, lines 3 to 5; read: controlling depth of 4.5 feet in May 2003, leads to two marinas. Berths with electricity, gasoline, diesel fuel, water, ice, pump-out station, dry storage, and marine supplies are available. Hull, engine and electronic repairs can be made; lift to 10 tons. U.S. Route 41 ... (CL 1734/03)	13/04	Page 569—Paragraph 408, lines 3 to 4; read: River. In January 2004, the controlling depth in the channel was 5.7 feet (9.0 feet at midchannel). (CEMR-Galveston 02/04; CO 030/00)	13/04

COAST PILOT 5 31 Ed 2004 Change No. 12

Page 499—Paragraph 250, lines 4 to 5; read: basin. In November 2003, the controlling depth was 35 feet (40 feet at midchannel); thence in July 2003, there was 32 to 40 feet in the basin. The channel is ... (CEMR-Galveston 02/04; CO 030/00)	13/04	Page 569—Paragraph 411, lines 5 to 7; read: formerly used by the Matagorda fishing fleet. In January 2004, the channel had a controlling depth of 1.6 feet (3.1 feet at midchannel). The Gulf entrance to the flood ... (CEMR-Galveston 02/04; CO 030/00)	13/04
Page 502—Paragraph 282, lines 5 to 8; read: thence upstream for about 1.7 miles. In October 2003, the controlling depth was 5.0 feet (7.0 feet at midchannel), thence 6.0 feet (7.0 feet at midchannel) for about 2.0 miles farther upstream. (CEMR-Galveston 02/04; CO 030/00)	13/04	Page 570—Paragraph 412, lines 3 to 4; read: of Bay City Barge Terminal. In 1999-August 2003, the controlling depth was 1.5 feet (9.0 feet at midchannel) ... (CEMR-Galveston 02/04; CO 030/00)	13/04

Page 502—Paragraph 284, line 2; read: August 2003, the controlling depth was 1.0 foot (2.0 feet at midchannel). The ... (CEMR-Galveston 02/04; CO 030/00)	13/04	COAST PILOT 6 34 Ed 2004 NEW EDITION (NOS)	13/04
Page 504—Paragraph 319, lines 7 to 9; read: settlement about 7 miles up the bayou. In October 2003, the controlling depth was 6.0 feet to Light 27, thence 2.0 feet (3.0 feet at midchannel) to the railroad bridge. The ... (CEMR-Galveston 02/04; CO 030/00)	13/04		

Page 510—Paragraph 388, lines 2 to 5; read: in February 2003, had a controlling depth of 7.0 feet (9.0 feet at midchannel) to the Lockwood Drive fixed highway bridge, about 2 miles above Houston Turning Basin, thence 3.0 feet (5.0 feet at midchannel) for another 1.5 ... (CEMR-Galveston 02/04; CO 030/00)	13/04
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Page 525—Paragraph 115, lines 8 to 9; read: December 2001-August 2003, the controlling depth was 6.5 feet (7.1 feet at midchannel) from the Intracoastal Waterway ... (CEMR-Galveston 02/04; CO 030/00)	13/04
--	-------

Page 559—Paragraph 261, lines 2 to 3; read: Miles 53.9W, 54.7W, 55.7W, and 57.6W have a minimum clearance of 88 feet. The route swings sharply S and ... (NOS 11355; CL 237/99)	13/04
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Ras Laffan—Berth Information (2004)					
Berth	Wharf length	Vessel length		Maximum vessel size	Maximum vessel draft
		Minimum	Maximum		
LNG No. 1	—	170m	298m	105,000 dwt	12.5m
LNG No. 2	—	170m	298m	105,000 dwt	12.5m
Liquid Berth 2B	—	160m	345m	152,000 dwt	12.5m
Dry Cargo No. 1	300m	—		60,000 dwt	12.5m
Dry Cargo No. 2	300m	—		60,000 dwt	12.5m
Ro-ro Berth	150m	—	185m	21,000 dwt	8.0m
Tug Berths	270m	—	—	—	5.3m
Supply Vessel Berths	—	—	—	—	4.5-6.5m

PUB 172

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
860 30316	Cape Fear River Entrance Lighted Whistle Buoy CF	33 46 17 N 78 03 02 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: C(- - -). On channel centerline.
		*					13/04
3625	FISHER POINT RANGE FRONT LIGHT	39 58 42 N 75 04 18 W	Iso G 6s	37	KRW on multi-pile structure.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.	*
						*	13/04
3795	MUD ISLAND UPPER RANGE FRONT LIGHT	40 03 52 N 74 56 50 W	Oc W 4s	25	Skeleton tower.	Day: Visible on rangeline only. Night: Visible all around, higher intensity on rangeline.	*
						*	13/04
3800	MUD ISLAND UPPER RANGE REAR LIGHT 945 yards, 052.6° from front light.		F W	52	On small house on concrete base.	Day: Visible on rangeline only. Night: Visible all around, higher intensity on rangeline.	*
			*			*	13/04
3975	LEHIGH UPPER RANGE FRONT LIGHT	40 05 41 N 74 51 16 W	Q G	35	On multi-pile structure.	Visible on range line only. Passing light visible all around. Lighted throughout 24 hours.	*
			*			*	13/04
4110	KINKORA LOWER RANGE FRONT LIGHT	40 07 08 N 74 47 07 W	Q W	25	KWR on skeleton tower. On same structure as Florence Upper Range Front Light.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.	*
			*		*		13/04
4340	- Channel Buoy 105				Green can.	Maintained from May 15 to Sep. 30.	*
							13/04
4345	- Channel Buoy 106				Red nun.	Maintained from May 15 to Sep. 30.	*
							13/04
9325	- Buoy F					Remove from list.	*
							13/04
9330	- Buoy G					Remove from list.	*
							13/04
9335	- Buoy H					Remove from list.	*
							13/04
9355	- Lighted Buoy P	37 00 21 N 76 16 57 W	Fl Y 4s	6	Yellow.		
							13/04

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 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Heading: *Surry Power Station							
11795	- Daybeacon 1						<i>Remove from list.</i>
						*	13/04
11800	- Daybeacon 2						<i>Remove from list.</i>
						*	13/04
11805	- Daybeacon 3						<i>Remove from list.</i>
						*	13/04
11810	- Daybeacon 5						<i>Remove from list.</i>
						*	13/04
11815	- Daybeacon 7						<i>Remove from list.</i>
						*	13/04
11820	- Daybeacon 9						<i>Remove from list.</i>
						*	13/04
*Add Heading: *Piney Point Oil Pier							
16860	- LIGHT A		F Y	26			Private aid.
							13/04
37845	- LIGHT 7		Fl G 2.5s	15	4	SG-SY on pile.	
					*		13/04
37855	- LIGHT 10		Fl R 2.5s	15	4	TR-TY on multi-pile structure.	
					*		13/04
38000	- LIGHT 54		Q R	16	4	TR-TY on pile.	
					*		13/04
38015	- LIGHT 59AR		Fl G 6s	15	4	SG-SY on pile.	
					*		13/04
38200	- LIGHT 15		Fl G 4s	15	4	SG-SY on pile.	
					*		13/04
38330	- RANGE B FRONT LIGHT 9	34 55 59 N 76 39 07 W	Q W	19	6	KWB-I and SG-I on multi-pile structure.	Visible all around; higher intensity on rangeline.
		*					13/04
38765	BOGUE SOUND LIGHT 3B	34 43 10 N 76 44 42 W	Fl G 2.5s	15	5	SG-SY on pile.	
					*		13/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
38985	- LIGHT 33	34 41 56 N 76 59 10 W	Fl G 2.5s	15	3	SG-SY on pile.	
				*			13/04
39365	- LIGHT 23		Fl G 4s	15	4	SG-SY on pile.	
				*			13/04
39530	- LIGHT 96		Fl R 4s	15	3	TR-TY on pile.	
				*			13/04
39590	- LIGHT 118		Fl R 4s	15	3	TR-TY on pile.	
				*			13/04
39655	- LIGHT 137		Fl G 4s	15	4	SG-SY on pile.	
				*			13/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19940	- Channel Lighted Buoy 8		Q R		3	Red.	
				*			13/04
19960	- Channel Lighted Buoy 12		Fl R 2.5s		3	Red.	
				*			13/04
Myakka River							
20140	- Daybeacon 7	26 54 24 N 82 09 54 W				SG on pile.	Measured mile between Daybeacon 7 and 8.
				*			13/04
*Add Heading: *Cut F Channel							
22820	- Lighted Buoy 3F	27 46 06 N 82 31 24 W	Fl G 4s		4	Green.	
							13/04
24960	- JUNCTION LIGHT S	27 45 30 N 82 36 42 W	Fl (2+1) G 6s	16	3	JG on pile.	
					*		13/04
31160	LAS CUCARACHAS LIGHT	18 24 00 N 65 36 42 W	Fl W 6s	38	6	NG on skeleton tower.	
					*		13/04
31435	- ENTRANCE CHANNEL RANGE FRONT LIGHT	18 13 40 N 65 38 04 W	Q W	37		KRW on skeleton tower on piles. Visible 2° each side of rangeline.	
				*			13/04

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 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
31690	SAVANA ISLAND LIGHT	18 20 24 N 65 05 00 W	Fl W 4s	300	6	White tower.	*
							13/04
32205	- Lighted Buoy 4	17 56 12 N 66 54 25 W	Fl R 4s		3	Red.	*
							13/04
32670	- LIGHT 6	18 19 54 N 64 56 54 W	Fl R 4s	16	3	TR on dolphin.	*
							13/04
32700	TWO BROTHERS LIGHT	18 20 36 N 64 49 00 W	Fl W 6s	23	5	NR on skeleton tower.	*
							13/04
32905	Round Reef Northeast Junction Lighted Buoy RR	17 45 24 N 64 41 45 W	Fl (2+1) G 6s		3	Green and red bands.	*
							13/04
32910	- LIGHT 9		Fl G 2.5s	16	3	SG on dolphin.	*
							13/04
32920	- LIGHT 11		Q G	10	3	SG on dolphin.	*
							13/04

MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK (Chart 11534)

Little River - Winyah Bay

33605	- Daybeacon 2	33 52 14 N 78 34 17 W			TR-TY on pile.		
		*					13/04
34710	- RANGE D FRONT LIGHT	32 47 16 N 80 06 04 W	Q R	10	KRW-I on pile.	Visible all around; higher intensity on rangeline.	
		*					13/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5083	Fort Maorgan Danger Wreck Daybeacons (5)						Remove from list.
							*
*33143	Floria Avenue Bridge Approach Lighted Buoy 1	29 58 55 N 90 01 17 W	Fl G 2.5s			Green with yellow square.	Private aid.
							13/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*33144	<i>Floria Avenue Bridge Approach Lighted Buoy 2</i>	29 58 55 N 90 01 18 W	Fl R 2.5s			Red with yellow triangle.	Private aid. 13/04
*33145	<i>Floria Avenue Bridge Approach Lighted Buoy 3</i>	29 58 47 N 90 01 17 W	Fl G 2.5s			Green with yellow square.	Private aid. 13/04
*33146	<i>Floria Avenue Bridge Approach Lighted Buoy 4</i>	29 58 47 N 90 01 18 W	Fl R 2.5s			Red with yellow triangle.	Private aid. 13/04
33165 13610	INNER HARBOR NAVIGATION CANAL LIGHT 2		QR	40	5	TR-SY on skeleton tower.	 13/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
183	La Conchita Ocean Physics	34 21 04 N 119 28 37 W	Fl Y 4s	6	6	Yellow.	Private aid. Ra ref. * * * * 13/04
561	ST. GEORGE REEF LIGHT						Remove from list. * 13/04
2570	- North End Radar Buoy A						Remove from list. * 13/04
2575	SAN CLEMENTE ISLAND LIGHT	33 01 50 N 118 35 47 W	Fl W 4s	202	9	NR on post.	Visible from 341° to 276°, partially obscured by hills elsewhere. 13/04
6695	- LIGHT 9	38 01 31 N 121 47 27 W	Fl G 4s	20	4	SG on pile.	 * 13/04
6705	- LIGHT 10	38 01 39 N 121 46 11 W	Fl R 4s	15	3	TR on pile.	Ra ref. * 13/04
6740	- LIGHT 19	38 02 11 N 121 42 26 W	Fl G 2.5s	15	3	SG on pile.	Ra ref. * 13/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6750	- LIGHT 23	38 02 44 N 121 14 47 W	Fl G 4s	15	4	SG on pile.	Ra ref.
		*					13/04
6767	- LIGHT 27	38 04 27 N 121 40 43 W	Fl G 4s	15	4	SG on pile structure.	Ra ref.
		*					13/04
6770	- LIGHT 28	38 05 00 N 121 40 41 W	Fl R 4s	15	4	TR on pile.	Ra ref.
		*					13/04
6775	THREEMILE SLOUGH LIGHT 1	38 05 08 N 121 41 12 W	Fl G 4s	15	5	SG on pile.	
		*					13/04
6835	- LIGHT 41	38 06 19 N 121 36 58 W	Fl G 4s	15	4	SG on pile.	Ra ref.
		*					13/04
6850	- LIGHT 44	38 05 50 N 121 35 14 W	Fl R 2.5s	15	2	TR on pile.	Ra ref.
		*					13/04
6853	- LIGHT 45	38 05 57 N 121 35 00 W	Fl G 2.5s	15	4	SG on pile.	Ra ref.
		*					13/04
6855	- LIGHT 46	38 05 46 N 121 34 53 W	Q R	15	3	TR on pile.	Ra ref.
		*					13/04
6857	- LIGHT 48	38 05 35 N 121 34 37 W	Fl R 4s	15	3	TR on pile.	Ra ref.
		*					13/04
6860	- LIGHT 49	37 05 31 N 121 34 25 W	Fl G 4s	15	4	SG on pile.	Ra ref.
		*					13/04
6865	- LIGHT 47	38 05 44 N 121 34 34 W	Q G	15	2	SG on pile.	Ra ref.
		*					13/04
OAHU TO NIIHAU (Chart 19380)							
Kauai Island							
29735	Kilauea Point Light	22 13 53 N 159 24 07 W	Fl W 10s	174	24	White concrete post. 10	Obscured from 295° to 065°. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
		*					13/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1385	KEEWAYDIN STATE PARK BREAKWATER LIGHT	44 19 22 N 75 56 12 W	Fl G 4s	10 3		Green daymark on steel post.	Maintained from Apr. 15 to Dec. 15. Private aid.
		*			*		13/04
*1386	Keewaydin Sate Park Entrance Buoy	44 19 21 N 75 56 14 W	Fl R 4s	5	Red nun.		Maintained May 1 to Nov. 1. Private aid.
							13/04
3580	- <i>Lighted Buoy 10</i>	42 08 55 N 80 05 17 W	Fl R 2.5s	4	Red.		Replaced by nun from Dec. 7 to May 7.
		*					13/04
*3696	Walnut Creek Channel Light	42 04 38 N 80 14 23 W	Fl G 2s	12 4	12	On steel tower	Maintained from May 1 to Nov. 1. Private aid.
							13/04
*7471	-East Basin Entrance Light 4	42 05 20 N 83 10 09 W	Q R	6 2		On single post.	Private aid.
							13/04
*7472	-East Basin Range Front Light	42 05 27 N 83 10 08 W	F R			4ft light pipe centered on white diamond daymark.	Private aid.
							13/04
*7473	-East Basin Range Rear Light	42 05 28 N 83 10 08 W	F R			4ft light pipe centered on white diamond daymark.	Private aid.
							13/04
7475	- EAST BASIN ENTRANCE LIGHT 4						Remove from list.
							*
7500	- West Basin Range Front Light	42 05 24 N 83 10 12 W	F R			4 ft light pipe centered on white diamond daymark.	Private aid.
		*	*	*			13/04
7505	- West Basin Range Rear Light	42 05 24 N 83 10 12 W	F R			4 ft light pipe centered on white diamond daymark.	Private aid.
		*	*	*			13/04
7530	- WEST BASIN ENTRANCE LIGHT 1						Remove from list.
							*
7535	- WEST BASIN ENTRANCE LIGHT 2						Remove from list.
							*
7540	- WEST BASIN RANGE FRONT LIGHT						Remove from list.
							*
							13/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7545	- WEST BASIN RANGE REAR LIGHT 240 feet, 027° from front light.						Remove from list.
							*
							13/04
*8442	Grosse Pointe Dumping Buoy B	42 22 12 N 82 51 01 W			Yellow can.	Maintained from May 01 to Nov. 01.	
							13/04
*8472	Grosse Pointe Dumping Buoy A	42 23 25 N 82 48 52 W			Yellow can.	Maintained from May 01 to Nov. 01.	
							13/04
*Delete Note:							
Island Cove Marina							
*Buoys maintained from Apr. 1 to Nov. 25.							
9038	- Entrance Lighted Buoy 1	42 36 07 N 82 47 00 W	Fl G 4s		Green	Private aid.	
	*	*	*		*		13/04
9039	- Entrance Lighted Buoy 2	42 36 09 N 82 47 02 W	Fl R 4s		Red.	Private aid.	
	*	*	*		*		13/04
9040	- Entrance Lighted Buoy 3	42 35 54 N 82 47 18 W	Fl G 4s		Green.	Private aid.	
	*		*				13/04
*9041	- Entrance Lighted Buoy 4		Fl R 4s		Red.	Private aid.	
							13/04
*9042	- Entrance Lighted Buoy 5		Fl G 4s		Green.	Private aid.	
							13/04
*9043	- Entrance Lighted Buoy 6		Fl R 4s		Red.	Private aid.	
							13/04
*9044	- Entrance Lighted Buoy 7		Fl G 4s		Green.	Private aid.	
							13/04
9045	- Entrance Lighted Buoy 8		Fl R 4s		Red.	Private aid.	
	*		*				13/04
*9046	- Entrance Lighted Buoy 9		Fl G 4s		Green	Private aid.	
							13/04
*9047	- Entrance Lighted Buoy 10		Fl R 4s		Red.	Private aid.	
							13/04
*9048	- Entrance Lighted Buoy 11		Fl G 4s		Green.	Private aid.	
							13/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*9049	- Entrance Lighted Buoy 12		Fl R 4s			Red.	Private aid. 13/04
9050	- Entrance Lighted Buoy 3						Remove from list. * 13/04
9055	- Entrance Lighted Buoy 4						Remove from list. * 13/04
9060	- Entrance Lighted Buoy 5						Remove from list. * 13/04
9065	- Entrance Lighted Buoy 6						Remove from list. * 13/04
*Delete Heading: *Corunna Channel							
9915	CORUNNA RANGE FRONT LIGHT (C)						Remove from list. * 13/04
9920	CORUNNA RANGE REAR LIGHT 568 feet, 167.3° from front light. (C)						Remove from list. * 13/04
18290	DUNCAN L. CLINCH YACHT HARBOR LIGHT 1	44 46 04 N 85 37 20 W	Fl G 2.5s	22 7	3	SG on pile.	Maintained from May 1 to Nov. 1. Private aid. * 13/04
*18291	DUNCAN L. CLINCH YACHT HARBOR LIGHT 2	44 46 06 N 85 37 19 W	Fl R 2.5s	22 7	4	TR on pile.	Maintained from May 01 to Nov. 01. * 13/04
19415	- Buoy 17	42 47 27 N 86 07 18 W				Green can.	 * 13/04

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1156 -Islote Cayo. <i>G 1921</i>		28° 27.4' S 71° 13.7' W	Fl.(4)G. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	30 9	5	Green fiberglass tower; 11.	*
							13/04
1188 Islote Mewes. <i>G 1896.7</i>		29° 57.8' S 71° 22.9' W	Fl.(3)G. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	29 9	5	Green fiberglass tower; 10.	Visible 309°-175°.
							*
							13/04
1208.5 Puerto Aldea, Caleta Hornilla. <i>G 1896.2</i>		30° 17.6' S 71° 36.5' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	56 17	5	Red fiberglass tower; 16.	Visible 175°-340°.
							*
							13/04
1209 -Puerto Aldea. <i>G 1896.3</i>		30° 18.0' S 71° 36.0' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	23 7	7	White fiberglass tower, red band;	Visible 106°-261°.
							*
							13/04
1396 -Belen Shoal. <i>G 1814</i>		36° 41.8' S 73° 05.0' W	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	36 11	16	Black fiberglass tower, yellow band; 26.	Radar reflector.
-RACON			B(-••)				*
			period 60s				13/04
*1399 -Cabezo Muelle Fogonero. <i>G 1821.5</i>		36° 41.8' S 73° 06.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	20 6	6	White round metal tower, red bands.	Visible 267°-097°.
							*
							13/04
CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
676 -Entrance Range, front. <i>D 1015</i>		47° 28.6' N 3° 07.2' W	Dir.Q.G.	16 5	16	White truncated tower, black band, black top; 42.	Intensified 005°-008°.
							*
							13/04
PLATEAU DU FOUR:							
820 -Le Four. <i>D 1080</i>		47° 17.9' N 2° 38.1' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	75 23	18	White round tower, black bands, green top; 89.	
							*
							13/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4360 -Malaga. E 0062		36° 42.9' N 4° 24.9' W	Fl.(3+1)W. period 20s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 7.3s fl. 0.2s, ec. 7.3s	125 38	25	White truncated conical tower on 2-story dwelling; 120.	Obscured 047°-243°.
		*			*		*
8968 Isola Pianosa. E 1448		42° 35.1' N 10° 05.7' E	Fl.(2)W. period 10s fl. 1.5s, ec. 2s fl. 1.5s, ec. 5s	144 44	16	White tower on white dwelling: 62.	Reserve light range 10M.
		*		*	*		*
*19051.6 -Pier No. 5, head.		44° 43.6' N 37° 46.9' E	F.G.		2		
							13/04
20688 Saka, main breakwater. E 5871.4		36° 18.6' N 33° 53.4' E	Fl.G. period 3s fl. 1s, ec. 2s	23 7	5	Concrete tower.	
		*		*			13/04
20692 Kucuk, breakwater. E 5871.42		36° 18.7' N 33° 53.5' E	Fl.R. period 3s fl. 1s, ec. 2s	23 7	5	Concrete tower.	
		*		*			13/04
*20780 Sugozu Termik Santrali. E 5910		36° 50.1' N 35° 53.0' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	20 6	6	White mast.	
							13/04

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
400 Malaga Light Station							Remove from list.
							*
							13/04

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28 Wolf Rock. A 0030		49° 56.7' N 5° 48.6' W	Fl.W. period 15s fl. 0.2s, ec. 14.8s	112 34	16	Gray round granite tower, black lantern; 135. Helicopter platform.	Nautophone: 1 bl. ev. 30s (bl. 1s, sl. 29s).
RACON		T(-)			10		
		*	*		*	*	*
							13/04

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15200 -Mys Shavor. <i>L 6326</i>		69° 05.0' N 33° 20.8' E	Fl.Y. period 2.5s fl. 0.5s, ec. 2s	29 9	3	White truncated pyramid, black bands; 13.	Marks NW. limit of prohibited area.
			*	*			13/04
*16130 Kuznetsov. <i>L 6996.5</i>		64° 40.2' N 40° 29.8' E	Fl.R. period 2s		1		
							13/04
18816 -Inner Range, front. <i>L 4683</i>						Remove from list.	
						*	13/04
18820 --Rear, 36 meters 113°30' <i>L 4683.1</i> from front.						Remove from list.	
						*	13/04

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8248 -Tallskarshalet W. Range, front. <i>C 7088</i>		57° 43.5' N 16° 43.5' E	Q.W.G.	16 5	W. 6 G. 3	Green tower, white band.	G. 142°-225°, obsc.-320°, W.-038°.
		*					*
							13/04
8632 -Grasskaren, E. extremity. <i>C 6840</i>		58° 37.0' N 17° 14.2' E	L.FI.(2)W.R.G. period 15s fl. 2s, ec. 3s fl. 2s, ec. 8s	41 12	W. 14 R. 10 G. 9	White tower, green band; 39. Floodlit.	G. 242°30'-263°30', W.-267°30', R.-284°, G.-301°, W.-099°, R.-131°.
		*		*	*	*	
18404 Raahe. <i>C 4183</i>		64° 39.1' N 24° 13.6' E	Fl.(2)Y. period 10s	72 22	7	White round masonry tower, red band.	Radar reflector.
RACON			T(-) period 90s		13		
			*	*	*	*	
							13/04

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 Denotes a new entry when preceding the station number.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 13/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG CATP2V01U Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13/04	SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39,44,48/03	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11/04	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12/04	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12/04
Region 3	2002	1/03*	SDPUB140	2001	21*,48,49,51/01,8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37,42, 43/03	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03
Region 4	2002	1*,23,43/03	SDPUB141	2001	21*,38/01	USCG LIGHT LIST VOLUMES I - VII		
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9, 10/04	SDPUB142	2000	49/00*,3,31,35/01; 1,15,43/02	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43,44,45,48,50, 52/03;3,4,6,7,8,9,10, 12/04
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04	SDPUB147	2001	35/01*,21,22,23, 24/02,39,40,41,46, 50/03;10,12/04	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40,41, 42,43,44,45,48,50, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13/04
Region 7	2002	1*,11,15,28/03	SDPUB148	2001	48/01*,23,24/02;22, 42,43,45,48,50, 52/03;5,13/04	COMDTM165023	2003	17*,18,19,20,21,23, 24,25,26,28,29,31, 32,33,34,35,36,37, 38,39,41,43,44,45, 46,47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13/04
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB153	2000	6/01*,28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40, 43/03	COMDTM165024	2003	17*,18,19,20,21,23, 24,25,26,28,29,31, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8,9,10,11, 12,13/04
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7, 11/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13/04	COMDTM165025	2002	16/02*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13/04	SDPUB155	2001	31*,48/01;10,45, 46/02	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8,9,10,11, 12,13/04
NGA LIST OF LIGHTS			SDPUB159	2002	42*,48/02;10,13/04	COMDTM165027	2003	18*,20,21,22,23, 24,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8,9,10,11, 12,13/04
LLPUB110	2004	10/04*	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41,43, 48,49,51/03;1,2,5,6, 11/04	FGPUB940ATL	2001	N47/01*
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03;1,2, 3,4,7,8,9,10,11,12, 13/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10/04	FGPUB941PAC	2001	N22/01*
LLPUB112	2004	7*,9,10,11,12/04	SDPUB162	2001	20*,1*,5,12/03; 12/04	FLEET GUIDES		
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13/04	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03; 12/04	NOSPCATALOG1	2000	20/00*
LLPUB114	2003	17*,19,21,22,23,24, 27,31,32,40,43,44, 46/03;12,13/04	SDPUB164	2000	30/00*,31,35,36/01; 8,28/03	NOSPCATALOG2	2000	34/00*
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13/04	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	NOSPCATALOG3	2000	28/00*
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03;1,2,3,5,6,7, 8,9,10,11,12,13/04	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,49/01;3,2,3,4, 5,8,9,12,13/04	NOSPCATALOG4	2000	34/00*
SAILING DIRECTIONS			SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03; 13/04	ALMANACS		
CDPUBSD125	2003	19*,43,49,51,52/03	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02; 30,39,40,41,43/03; 6/04	AIRALMANAC401	2004	29/03*
CDPUBSD127	2003	39/03*	SDPUB175	2001	41*,43,45,51/01,8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	NAUTALMANAC04	2004	29/03*
CDPUBSD131	2002	9/03*	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03	COAST PILOT		
CDPUBSD132	2003	6/04*	SDPUB181	2002	38*,39/02	NOSPBCP1	33	27*,28,29,32,33,34, 39,42,46,48/03;1,6, 8,10/04
CDPUBSD143	2003	46/03*	SDPUB182	2001	8*,10,12,41/02; 17/03	NOSPBCP2	33	5*,6,9/04
CDPUBSD145	2003	51/03*	SDPUB183	2001	27/01*,13,15,16/02; 18/03	NOSPBCP3	36	34*,36,42,43,44,46, 48,50,51,52/03;7,9, 11/04
CDPUBSD146	2002	4/03*				NOSPBCP4	35	34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12/04
CDPUBSD157	2003	17/03*				NOSPBCP5	31	51*,52/03;1,7,8,9, 10,12,13/04
CDPUBSD158	2003	24/03*				NOSPBCP6	34	13/04*
CDPUBSD191	2003	52/03*						
CDPUBSD192	2003	32*,36,38,39,40,41, 42,43/03						
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03						
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,45,52/03;5,9, 12/04						
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03						

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 13/04**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
NOSPBCP7	35	37*,38,39,42,44,45, 48,51/03;5,7,8,9/04		
NOSPBCP8	25	32*,33,34,39,42,48, 51/03;1,7,8,10/04		
NOSPBCP9	21	30*,32,33,36,39,42, 48,51/03;8/04		
RADIO NAVIGATIONAL AIDS				
RAPUB117	2002	50/02*;13/03		
AMERICAN PRACTICAL NAVIGATOR				
NVPUB9	2002	36/02*;14,38/03		
INTERNATIONAL CODE OF SIGNALS				
CDPUBNV102	2003	20/03*		
WORLD PORT INDEX				
NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03		
DISTANCES BETWEEN PORTS				
NVPUB151	2001	4/02*		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL				
CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1				
WOBZC1	1997	18/98*		
CHART NO. 4				
WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS				
NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES				
COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES				
NOSPBTTCWPACIN4	2004	N1/04*		
NOSPBTTECSTNSA4	2004	N1/04*		
NOSPBTTEURAFR4	2004	N1/04*		
NOSPBTWCSTNSA4	2004	N1/04*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN4	2004	N1/04*		
NOSPBTCTPACAS4	2004	N1/04*		

SECTION III

NM 13/04

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 112000Z March 2004:

2003 series	387(GEN)	55(11)	59(24)	73(11,26)	76(GEN)
108(26,27)	2004 series	57(GEN)	71(11)	74(11)	78(GEN)

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA IV WARNINGS issued from 111200Z December 2003 to 112000Z March 2004.

481/03 thru 506/03. CANCELED.

1/04 thru 54/04. CANCELED.

55/04(11). FLORIDA-EAST COAST. GPS SATELLITE SYSTEM.
1. GPS UNRELIABLE 1600Z TO 2000Z DAILY 22 FEB THRU 16 MAR
AND 0001Z TO 0400Z DAILY 23 FEB THRU 17 MAR
WITHIN 40 MILES OF 30-50N 080-25W.
2. CANCEL THIS MSG 170500Z MAR.

(201510Z FEB 2004)

56/04. CANCELED.

57/04(GEN). GPS SATELLITE SYSTEM.
PRN 02 UNUSABLE.

(221715Z FEB 2004)

58/04. CANCELED.

59/04(24). NORTH ATLANTIC.
1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL
16 MAR BY M/V L'ATALANTE IN AREA BOUND BY
05-00N 047-40W, 05-00N 047-10W,
08-40N 047-00W, 08-20N 048-25W.
WIDE BERTH REQUESTED.
2. CANCEL NAVAREA IV 51/04.
3. CANCEL THIS MSG 17 MAR.

(241210Z FEB 2004)

60/04 thru 70/04. CANCELED.

71/04(11). NORTH ATLANTIC. ORDNANCE.
1. UNDERWATER ORDNANCE DETONATIONS 08 THRU 14 MAR
WITHIN ONE MILE OF 32-33.707N 079-46.797W.
2. CANCEL THIS MSG 15 MAR.

(040740Z MAR 2004)

72/04. CANCELED.

73/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS:
A. 0500Z TO 0459Z COMMENCING DAILY
08 THRU 14 MAR IN AREA BOUND BY
30-45N 080-32W, 30-45N 079-40W,
30-38N 079-40W, 30-34N 080-32W.
B. 0500Z TO 0459Z COMMENCING DAILY
08 THRU 14 MAR IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
C. 1300Z TO 0459Z COMMENCING DAILY
09 THRU 11 MAR AND 0500Z TO 0700Z
DAILY 10 THRU 12 MAR IN AREA BETWEEN
30-00N 29-50N AND 081-00W 080-50W.
2. CANCEL THIS MSG 150559Z MAR.

(051640Z MAR 2004)

74/04(11). FLORIDA-EAST COAST.
CHART 11479 (4TH ED).
CAPE CANAVERAL LIGHT 28-27.6N 080-32.6W UNRELIABLE.

(051725Z MAR 2004)

SECTION III

75/04. CANCELED.

76/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 061000Z MAR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 55(11), 57(GEN), 59(24), 68(11), 69(11),
71(11), 73(11,26), 74(11).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL NAVAREA IV 67/04.

(061010Z MAR 2004)

77/04. CANCELED.

78/04(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 120541Z TO 120758Z MAR, ALTERNATE 130540Z TO 130757Z MAR IN AREAS BOUND BY:
 - A. 28-33N 080-36W, 28-37N 080-26W,
28-21N 079-11W, 28-16N 079-12W
28-23N 080-34W, 28-28N 080-37W.
 - B. 25-44N 061-54W, 24-40N 058-05W,
23-35N 058-28W, 24-39N 062-15W.
2. CANCEL THIS MSG 130857Z MAR.

(081010Z MAR 2004)

SECTION III

HYDROLANTS

Messages in force 112000Z March 2004:

2000 series	604(26,27)	2354(24)	164(53)	334(51)	385(24)
2937(38)	738(35)	2374(35)	169(51,52)	337(54)	387(56)
3762(43)	1117(37)	2384(23,24)	177(52)	340(36)	389(24)
4265(44)	1242(24)	2399(24)	224(24)	343(53)	390(52)
2001 series	1291(37)	2406(54)	227(37)	345(53)	391(54)
611(44)	1422(53)	2407(54)	229(57)	353(37)	392(55)
2700(37)	1472(35)	2408(54)	230(57)	355(53)	393(55)
3161(44)	1731(35)	2409(54)	238(56)	359(51)	394(24)
2002 series	1834(22)	2410(54)	249(57)	360(36,37,44)	395(24)
245(GEN)	1944(53)	2413(54)	259(54,56)	372(55)	396(56)
246(GEN)	1999(23)	2414(54)	272(24)	373(55)	397(55)
2682(51)	2031(55)	2416(54)	282(37)	375(52,53)	399(37)
2848(37)	2175(24)	2418(52)	309(GEN)	378(35)	401(36)
2003 series	2203(53)	2419(54)	317(24)	379(24)	402(24)
41(37)	2235(37)	2420(54)	322(53)	380(GEN)	403(24)
67(37)	2297(24)	2004 series	326(52,53,56)	381(53)	
544(55)	2319(53)	36(51,52)	328(37)	383(52)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROLANT WARNINGS issued from 111200Z December 2003 to 112000Z March 2004.

2303/03 thru 2318/03. CANCELED.

2319/03(53). SICILIA-EAST COAST.
CHART 53200 (6TH ED).
CAPO MOLINI LIGHT 37-34.6N 015-10.6E AT REDUCED INTENSITY.

(131537Z DEC 2003)

2320/03 thru 2353/03. CANCELED.

2354/03(24). BRAZIL-SOUTH COAST.
CHART 24120 (9TH ED).
ARARANGUA LIGHT 28-56.1S 049-21.7W UNRELIABLE.

(191007Z DEC 2003)

2355/03 thru 2373/03. CANCELED.

2374/03(35). SCOTLAND-EAST COAST.
CHART 35101 (6TH ED).
1. DANGEROUS WRECK, LEAST DEPTH 17.5 METERS,
IN 57-45.4N 003-09.9W.
2. CANCEL HYDROLANT 2371/03(37).
3. CANCEL HYDROLANT 2355/03.

(222053Z DEC 2003)

2375/03 thru 2383/03. CANCELED.

2384/03(23,24). SOUTH ATLANTIC. ARGENTINA.
CHART 23145 (3RD ED).
1. DANGEROUS WRECK IN 36-15.68S 056-01.46W.
2. CANCEL HYDROLANT 2257/03 AND 2378/03.

(241040Z DEC 2003)

2385/03 thru 2398/03. CANCELED.

2399/03(24). BRAZIL-SOUTH COAST.
CHART 24110 (3RD ED).
RACON AT BERTA LIGHT 30-24.0S 050-17.3W INOPERATIVE.

(280501Z DEC 2003)

2400/03 thru 2405/03. CANCELED.

2406/03(54). AEGEAN SEA. GUNNERY.
1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY
01 JAN THRU 31 DEC IN AREA BOUND BY
38-02N 024-52E, 38-16N 025-21E, 37-48N 025-49E,
37-34N 025-23E, 37-42N 025-01E, 38-00N 024-52E.
2. CANCEL THIS MSG 01 JAN 05.

(301830Z DEC 2003)

SECTION III

2407/03(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 01 JAN THRU 31 DEC EXCEPT SATURDAY, SUNDAY AND HOLIDAYS WITHIN FIVE MILES OF 39-13.1N 022-48.3E.
2. CANCEL THIS MSG 01 JAN 05.

(301851Z DEC 2003)

2408/03(54). IONIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 01 JAN THRU 31 DEC EXCEPT SATURDAY, SUNDAY AND HOLIDAYS IN AREA BOUND BY 37-51N 021-15E, 37-46N 021-14E, 37-46N 021-20E, 37-50N 021-19E.
2. CANCEL THIS MSG 01 JAN 05.

(301908Z DEC 2003)

2409/03(54). SEA OF CRETE. GUNNERY.

1. GUNNERY EXERCISES 01 JAN THRU 31 DEC EXCEPT SATURDAYS, SUNDAYS AND HOLIDAYS IN AREA BOUND BY 35-29N 023-46E, 35-29N 023-51E, 35-34N 023-55E, 35-36N 023-49E, 35-36N 023-46E.
2. CANCEL THIS MSG 01 JAN 05.

(301920Z DEC 2003)

2410/03(54). IONIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0500Z TO 2200Z DAILY 01 JAN THRU 31 DEC EXCEPT SATURDAY, SUNDAY AND HOLIDAYS IN AREA BOUND BY 37-48.0N 021-05.0E, 37-31.5N 021-08.0E, 37-31.0N 021-20.0E, 37-48.0N 021-17.0E.
2. CANCEL THIS MSG 312300Z DEC 04.

(301930Z DEC 2003)

2411/03 and 2412/03. CANCELED.

2413/03(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0500Z TO 1500Z DAILY 01 JAN THRU 31 DEC EXCEPT FRIDAYS, SATURDAYS, SUNDAYS AND HOLIDAYS IN AREA BOUND BY 39-26.0N 023-53.0E, 39-43.0N 023-40.0E, 40-00.3N 024-18.0E, 39-43.0N 024-31.0E.
2. CANCEL THIS MSG 311600Z DEC 04.

(302216Z DEC 2003)

2414/03(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0500Z TO 1300Z DAILY 01 JAN THRU 31 DEC EXCEPT SATURDAYS, SUNDAYS AND HOLIDAYS IN AREA BOUND BY 37-47N 023-17E, 37-52N 023-22E, 37-50N 023-26E, 37-44N 023-22E.
2. CANCEL THIS MSG 311400Z DEC 04.

(302300Z DEC 2003)

2415/03. CANCELED.

2416/03(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0530Z TO 1230Z DAILY 01 JAN THRU 31 DEC EXCEPT FRIDAYS, SATURDAYS, SUNDAYS AND HOLIDAYS IN AREA BOUND BY 40-13.3N 022-58.0E, 40-23.0N 023-04.4E, 40-16.1N 023-31.3E, 40-04.3N 023-23.0E.
2. CANCEL THIS MSG 311330Z DEC 04.

(310003Z DEC 2003)

2417/03. CANCELED.

2418/03(52). TUNISIA-NORTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES 01 JAN THRU 31 DEC IN AREA BETWEEN 37-45N 38-00N AND 010-15E 010-30E.
2. CANCEL THIS MSG 01 JAN 05.

(311110Z DEC 2003)

2419/03(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 01 JAN THRU 31 DEC EXCEPT SATURDAY, SUNDAY AND HOLIDAYS IN AREA BETWEEN 36-40N 36-48N AND 021-40E 021-50E.
2. CANCEL THIS MSG 01 JAN 05.

(311115Z DEC 2003)

SECTION III

NM 13/04

2420/03(54). AEGEAN SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0530Z TO SUNSET DAILY, WEDNESDAY THRU FRIDAY, 01 JAN THRU 31 DEC:
 - A. IN AREA BOUND BY
 - 35-36.0N 024.07.0E, 36-16.0N 026-40.0E,
 - 36-18.0N 024-07.0E, 35-36.0N 026-41.0E,
 - 36-18.0N 025-59.0E, 35-31.0N 024-11.0E,
 - 36-25.0N 026-12.0E.
 - B. WITHIN 1000 METERS OF 35-32.0N 024-13.0E.
 - C. WITHIN 1000 METERS OF 35-28.0N 024-11.4E.
2. CANCEL THIS MSG 01 JAN 05.

(311120Z DEC 2003)

2421/03 and 2422/03. CANCELED.

1/04 thru 35/04. CANCELED.

36/04(51,52). MORROCCO. GUNNERY.

1. GUNNERY EXERCISES 13 JAN THRU 31 MAR WITHIN 20 MILES OF:
 - A. 33-41N 008-03W.
 - B. 29-53N 010-15W.
 - C. 27-00N 013-50W.
 - D. 23-35N 017-00W.
 - E. 35-22N 004-05W.
2. CANCEL THIS MSG 01 APR.

(081800Z JAN 2004)

37/04 thru 163/04. CANCELED.

164/04(53). TYRRHENIAN SEA.

CHART 53180 (10TH ED).
ISOLA FILICUDI LIGHT 38-35N 014-33E UNLIT.

(281020Z JAN 2004)

165/04 thru 168/04. CANCELED.

169/04(51,52). STRAIT OF GIBRALTAR.

1. NATO WARSHIPS ARE CONDUCTING ESCORT OPERATIONS IN THE STRAIT OF GIBRALTAR IN ORDER TO MAINTAIN SECURITY IN THE AREA AND TO ENSURE THE SAFE TRANSIT OF DESIGNATED ALLIED SHIPS.
2. ALL VESSELS SAILING THROUGH THE STRAIT OF GIBRALTAR ARE REQUESTED TO KEEP 500 YARDS CLEAR OF ESCORT FORMATIONS AND ARE ADVISED TO LISTEN ON VHF CHANNEL 16.
3. ANY VESSEL APPROACHING A MILITARY FORMATION WITHOUT ESTABLISHING COMMUNICATIONS MAY BE CONSIDERED AS HAVING POTENTIALLY HOSTILE INTENTIONS.
4. NOTHING IN THIS NAVIGATIONAL WARNING IS INTENDED TO IMPEDE OR INTERFERE WITH THE FREEDOM OF NAVIGATION. THIS WARNING IS PUBLISHED SOLELY TO ADVISE ABOUT THE HEIGHTENED STATE OF READINESS OF NATO FORCES.

(290810Z JAN 2004)

170/04 thru 176/04. CANCELED.

177/04(52). SICILIA-NORTHWEST COAST.

CHART 52180 (14TH ED).
PUNTA SOTTILE LIGHT 37-56.0N 012-16.4E UNLIT.

(301720Z JAN 2004)

178/04 thru 223/04. CANCELED.

224/04(24). BRAZIL-NORTH COAST.

- CHART 24290 (3RD ED).
1. RACON AT SIMAO GRANDE LIGHT 00-15S 048-24W INOPERATIVE.
 2. CANCEL HYDROLANT 213/04(35,36), STATION RESTORED.

(071320Z FEB 2004)

225/04 and 226/04. CANCELED.

227/04(37). ENGLAND-EAST COAST.

CHART 37170 (11TH ED).
WEST CARDINAL BUOY 53-13.7N 002-48.9E UNRELIABLE.

(080033Z FEB 2004)

228/04. CANCELED.

229/04(57). SOUTH ATLANTIC.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V SAIPEM 10000 IN 06-01.4S 010-39.5E.
ONE MILE BERTH REQUESTED.

(081108Z FEB 2004)

230/04(57). GULF OF GUINEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
M/V RAMFORM VALIANT TOWING TEN 6000 METER
LONG CABLES IN AREA BOUND BY
03-13.18N 006-43.87E, 03-13.20N 006-56.68E,
03-01.68N 006-56.71E, 03-01.65N 006-43.89E.
FIVE MILE BERTH REQUESTED.

2. CANCEL HYDROLANT 111/04.

(081655Z FEB 2004)

231/04 thru 237/04. CANCELED.

238/04(56). EASTERN MEDITERRANEAN SEA.

1. UNDERWATER OPERATIONS 15 FEB THRU 15 MAR
BY M/V NAUTICAL TIDE IN AREA BETWEEN
33-44N 33-18N AND 032-05E 032-10E.
2. CANCEL HYDROLANT 235/04(38).
3. CANCEL THIS MSG 16 MAR.

(091910Z FEB 2004)

239/04 thru 248/04. CANCELED.

249/04(57). SOUTH ATLANTIC.

M/V RHINE TRADER REPORTS CREWMAN WITH
BRAIN HEMORRHAGING IN 08-32S 001-41E AT
111230Z FEB. VESSELS IN VICINITY ABLE TO
PROVIDE MEDEVAC REQUESTED TO ASSIST IF POSSIBLE.
REPORTS TO MRCC BREMEN, TELEX: 4124 6466,
PHONE: 494 2153 6870, FAX: 4942 1536 8714.

(111430Z FEB 2004)

250/04 thru 258/04. CANCELED.

259/04(54,56). EASTERN MEDITERRANEAN SEA.

DISTRESS SIGNAL RECEIVED FROM M/V FRATELLI GAROFALO,
SIX PERSONS ON BOARD, IN 33-57N 019-55E. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
PHONE: 390 6592 4145, FAX: 390 6592 2737.

(130840Z FEB 2004)

260/04 thru 271/04. CANCELED.

272/04(24). BRAZIL-NORTH COAST.

CHART 24270 (3RD ED).
PONTA DA PRAIA GRANDE LIGHT 01-07.2S 045-37.6W UNLIT.

(141410Z FEB 2004)

273/04 thru 281/04. CANCELED.

282/04(37). DOVER STRAIT.

CHART 37125 (15TH ED).
RUYTINGEN WEST BUOY 51-07N 001-50E UNLIT.

(171110Z FEB 2004)

283/04 thru 308/04. CANCELED.

309/04(GEN). GPS SATELLITE SYSTEM.

PRN 02 UNUSABLE.

(221720Z FEB 2004)

310/04 thru 316/04. CANCELED.

SECTION III

NM 13/04

317/04(24). NORTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL
16 MAR BY M/V L'ATALANTE IN AREA BOUND BY
05-00N 047-40W, 05-00N 047-10W,
08-40N 047-00W, 08-20N 048-25W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 281/04.
3. CANCEL THIS MSG 17 MAR.

(241220Z FEB 2004)

318/04 thru 321/04. CANCELED.

322/04(53). SICILIA-SOUTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY 01 THRU 05,
08 THRU 12, 15, 16, 19, 22 THRU 26 AND 29 THRU 31 MAR
WITHIN 1.5 MILES OF 36-39-19N 015-00-53E.
2. CANCEL HYDROLANT 301/04(24) AND 320/04(23).
3. CANCEL THIS MSG 01 APR.

(250810Z FEB 2004)

323/04 thru 325/04. CANCELED.

326/04(52,53,56). STRAIT OF SICILY.

VESSEL, BLUE HULL WITH WHITE STRIPE, 100 PERSONS ON BOARD,
IN NEED OF ASSISTANCE WITHIN 50 MILES OF 34-34N 012-31E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME, TELEX: 4361 1172,
PHONE: 390 6592 4145, FAX: 390 6592 2737.

(260810Z FEB 2004)

327/04. CANCELED.

328/04(37). DOVER STRAIT.

- CHART 37121 (11TH ED).
1. COLBART NORTH BUOY 50-57N 001-23E UNLIT.
 2. CANCEL HYDROLANT 2266/03.

(261210Z FEB 2004)

329/04 thru 333/04. CANCELED.

334/04(51). NORTH ATLANTIC.

DISTRESS SIGNAL RECEIVED ON 121.5 AND 243.0 MHZ IN
33-06.7N 024-08.0W AT 262323Z FEB. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO HORTA RADIO OR LISBOA RADIO.

(270650Z FEB 2004)

335/04 and 336/04. CANCELED.

337/04(54). IONIAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS SUNRISE TO SUNSET DAILY
01 MAR THRU 30 APR EXCEPT SATURDAYS, SUNDAYS
AND HOLIDAYS IN AREA BOUND BY
37-12N 020-18E, 37-56N 020-00E,
37-56N 020-28E, 37-15N 020-49E.
2. CANCEL THIS MSG 01 MAY.

(271730Z FEB 2004)

338/04 and 339/04. CANCELED.

340/04(36). ENGLAND-WEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V GREY MAMMOTH:
A. WITHIN 1.5 MILES OF 53-59.5N 003-18.5W.
B. ALONG TRACKLINE JOINING
53-59.2N 003-16.1W, 53-57.7N 003-06.3W,
53-58.5N 003-01.2W, 54-01.4N 002-56.1W.
WIDE BERTH REQUESTED.

(280347Z FEB 2004)

341/04 and 342/04. CANCELED.

SECTION III

343/04(53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS:

A. 0700Z TO 1900Z DAILY 01 THRU 05, 08 THRU 12,

15 THRU 19, 22 THRU 26 AND 29 THRU 31 MAR

IN AREA BOUND BY

40-00N 010-00E, 40-00N 010-30E,

39-10N 010-30E, 39-10N 010-00E,

39-26N 009-38E, 39-38N 009-38E.

B. 0700Z TO 1630Z DAILY 02 THRU 04, 09 THRU 11,

16 THRU 18, 23 THRU 25, 30 AND 31 MAR

IN AREA BOUND BY

40-15N 010-00E, 40-15N 011-31E,

40-11N 011-33E, 39-32N 011-38E,

38-52N 011-28E, 39-10N 010-00E,

39-28N 009-38E, 39-43N 009-40E.

C. 0700Z TO 1630Z DAILY 02 THRU 04, 09 THRU 11,

16 THRU 18, 23 THRU 25, 30 AND 31 MAR

IN AREA BOUND BY

40-37N 009-50E, 40-40N 010-35E,

40-40N 010-50E, 39-20N 010-50E,

39-20N 009-47E, 39-24N 009-40E.

2. CANCEL THIS MSG 312000Z MAR.

(281350Z FEB 2004)

344/04. CANCELED.

345/04(53). SARDEGNA-SOUTHWEST COAST. GUNNERY.

1. GUNNERY EXERCISES 0800Z TO 1700Z DAILY 01 THRU 06, 08 THRU 13 AND 15 THRU 20 MAR IN AREA BOUND BY

38-55-10N 008-42-30E, 38-50-00N 008-48-00E,

38-46-15N 008-48-00E, 38-43-30N 008-41-15E,

38-49-00N 008-26-00E, 38-56-10N 008-26-40E,

38-57-00N 008-37-06E.

2. CANCEL HYDROLANT 339/04(23), VESSEL IN TOW.

3. CANCEL THIS MSG 201800Z MAR.

(281615Z FEB 2004)

346/04 thru 352/04. CANCELED.

353/04(37). DOVER STRAIT.

CHART 37121 (11TH ED).

1. VERGOYER SOUTHWEST BUOY 50-27N 001-00E UNLIT.

2. CANCEL HYDROLANT 338/04(35,37), STATION RESTORED.

(011940Z MAR 2004)

354/04. CANCELED.

355/04(53). SICILIA-NORTH COAST.

CHART 53242 (12TH ED).

CAPO ZAFFERANO LIGHT 38-06.6N 013-32.5E UNLIT.

(020000Z MAR 2004)

356/04 thru 358/04. CANCELED.

359/04(51). MOROCCO. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0700Z TO 1800Z DAILY

02 MAR THRU 30 APR IN AREA BOUND BY

28-46.5N 010-48.5W, 29-18.0N 011-06.0W,

29-08.0N 011-28.0W, 28-42.8N 010-56.7W.

2. CANCEL THIS MSG 301900Z APR.

(021800Z MAR 2004)

360/04(36,37,44). NORTH SEA.

41 FOOT S/V DIVERMENTO, UNREPORTED TO HANSTHOLM, DENMARK

OR STAVANGER, NORWAY. LAST KNOWN POSITION 55-13N 005-20E

AT 011400Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A

SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC DENMARK,
INMARSAT-C: 4923 80442, PHONE: 458 943 3099 EXT. 3203.

(022030Z MAR 2004)

361/04 thru 371/04. CANCELED.

372/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1500Z DAILY

09 THRU 11 MAR IN AREA BOUND BY

46-12N 031-20E, 46-09N 031-15E,

46-14N 031-07E, 46-18N 031-13E.

2. CANCEL THIS MSG 111600Z MAR.

(041400Z MAR 2004)

SECTION III

NM 13/04

373/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0730Z TO 1800Z DAILY
09 THRU 12 MAR IN AREA BOUND BY
44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL THIS MSG 121900Z MAR.

(041415Z MAR 2004)

374/04. CANCELED.

375/04(52,53). SARDEGNA. GUNNERY.

1. GUNNERY EXERCISES:
 - A. 060800Z TO 061300Z MAR IN AREA BETWEEN
38-14N 38-35N AND 008-35E 009-02E.
 - B. 071200Z TO 071600Z MAR IN AREA BETWEEN
39-35N 39-10N AND 010-00E 010-27E.
2. CANCEL THIS MSG 071700Z MAR.

(041817Z MAR 2004)

376/04 and 377/04. CANCELED.

378/04(35). ORKNEY ISLANDS.

CHART 35136 (2ND ED).

1. DANGEROUS WRECK IN 59-01.6N 002-42.4W.
2. CANCEL HYDROLANT 368/04(GEN).

(052029Z MAR 2004)

379/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY 09 THRU 11 MAR BY M/V VERITAS VIKING
TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN
15-42S 15-08S AND 038-48W 037-47W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 12 MAR.

(060740Z MAR 2004)

380/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 061200Z MAR 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 164(53), 169(51,52), 170(23), 177(52), 224(24),
227(37), 229(57), 230(57), 238(56), 249(57), 259(54,56),
272(24), 282(37), 309(GEN), 317(24), 322(53), 326(52,53,56),
328(37), 334(51), 337(54), 340(36), 343(53), 345(53),
346(37), 348(23,29), 352(24), 353(37), 355(53), 359(51),
360(36,37,44), 366(36), 369(24), 370(24), 371(24), 372(55),
373(55), 375(52,53), 376(52,53,56), 378(35), 379(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE
AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL HYDROLANT 1374/03, 2340/03, 124/04, 358/04, 367/04.

(061220Z MAR 2004)

381/04(53). SARDEGNA-NORTHWEST COAST. GUNNERY.

1. GUNNERY EXERCISES 08 MAR THRU 03 APR
IN AREA BOUND BY 40-30-06N 008-20-18E,
40-29-58N 008-20-19E, 40-29-51N 008-21-12E.
2. CANCEL THIS MSG 04 APR.

(061340Z MAR 2004)

382/04. CANCELED.

383/04(52). TUNISIA-NORTHEAST COAST.

CHART 52180 (14TH ED).

TUNNY NET MARKED BY:

- A. NORTH CARDINAL BUOY IN 37-02.93N 010-51.98E.
- B. SOUTH CARDINAL BUOY IN 37-00.50N 010-51.98E.
- C. WEST CARDINAL BUOY IN 37-01.88N 010-50.31E.

(070040Z MAR 2004)

384/04. CANCELED.

385/04(24). BRAZIL-EAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 130259Z MAR
BY M/V POLAR BJORN TOWING 50 METER LONG CABLE
IN AREA BOUND BY
19-52.5S 039-45.7W, 19-51.1S 039-16.9W,
20-35.4S 039-20.9W, 20-35.6S 039-53.3W,
TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 130359Z MAR.

(080850Z MAR 2004)

SECTION III

386/04. CANCELED.

387/04(56). EASTERN MEDITERRANEAN SEA.

1. CABLE OPERATIONS IN PROGRESS UNTIL 11 MAR
BY CABLESHIP TENEZO IN AREA BETWEEN
33-01.3N 33-01.5N AND 034-57.0E 034-56.3E.
2. CANCEL THIS MSG 12 MAR.

(081707Z MAR 2004)

388/04. CANCELED.

389/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 14 MAR
BY M/V TROPICALIENTE TOWING TWO 20 METER
LONG CABLES AND M/V BULLDOG TOWING TWO
15 METER LONG CABLES IN AREA BOUND BY
13-34.45S 038-51.15W, 13-36.90S 038-45.98W,
13-37.28S 038-46.17W, 13-34.85S 038-51.35W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 15 MAR.

(090740Z MAR 2004)

390/04(52). WESTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 131200Z TO 131900Z MAR
WITHIN 20 MILES OF 38-15N 000-55E.
2. CANCEL HYDROLANT 376/04(52,53,56).
3. CANCEL THIS MSG 132000Z MAR.

(091050Z MAR 2004)

391/04(54). AEGEAN SEA.

CABLE OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY CABLESHIP PERTINACIA VICINITY
OF TRACKLINE JOINING 39-23.4N 025-46.8E,
39-04.2N 025-39.6E, 38-52.3N 025-36.0E,
38-39.6N 025-25.3E, 36-18.3N 025-23.4E.
ONE MILE BERTH REQUESTED.

(091120Z MAR 2004)

392/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 120830Z TO 121400Z MAR
IN AREA BOUND BY
46-12N 031-20E, 46-09N 031-15E,
46-14N 031-07E, 46-18N 031-13E.
2. CANCEL THIS MSG 121500Z MAR.

(091340Z MAR 2004)

393/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 110900Z TO 111500Z AND
120500Z TO 121000Z MAR IN AREA BOUND BY
46-25.0N 031-34.0E, 46-21.0N 031-33.0E
46-21.2N 031-27.0E, 46-25.0N 031-27.0E.
2. CANCEL THIS MSG 121100Z MAR.

(091350Z MAR 2004)

394/04(24). SOUTH ATLANTIC. URUGUAY.

1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 200300Z MAR
BY M/V ROU 22 OYARVIDE IN AREA BOUND BY
34-30.50S 053-34.75W, 34-35.83S 053-30.00W,
34-26.46S 053-21.07W, 34-22.43S 053-27.60W.
1.5 MILE BERTH REQUESTED.
2. CANCEL THIS MSG 200400Z MAR.

(091910Z MAR 2004)

395/04(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 150259Z MAR
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
25-30S 045-56W, 25-50S 045-52W,
25-42S 045-08W, 25-22S 045-14W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 150359Z MAR.

(100940Z MAR 2004)

396/04(56). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 141200Z TO 141400Z MAR
WITHIN 14 MILES OF 33-00N 029-00E.
2. CANCEL THIS MSG 141500Z MAR.

(101150Z MAR 2004)

SECTION III

NM 13/04

397/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1500Z DAILY
15 THRU 17 AND 19 MAR IN AREA BOUND BY
44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL THIS MSG 191600Z MAR.

(101450Z MAR 2004)

398/04. CANCELED.

399/04(37). BAY OF BISCAY.

DISTRESS SIGNAL RECEIVED ON 243.0 AND 121.5 MHZ IN
47-07.5N 006-09.6W. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ETEL, TELEX: 42950519,
PHONE: 332 9755 3535, FAX: 332 9755 4934.

(102012Z MAR 2004)

400/04. CANCELED.

401/04(36). NORTH CHANNEL.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY CABLESHIP LEON THEVENIN WITH SUBMERSIBLE
ALONG TRACKLINE JOINING 54-32.6N 005-27.0W,
54-32.5N 005-21.0W, 54-30.6N 005-18.0W.
WIDE BERTH REQUESTED.

(110314Z MAR 2004)

402/04(24). BRAZIL-NORTHEAST COAST.

VESSEL, WHITE HULL, TWO PERSONS ON BOARD, DISABLED
AND ADrift IN 04-35S 035-14W AT 101848Z MAR.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(110740Z MAR 2004)

403/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY 120300Z TO 140300Z MAR BY
M/V RAMFORM VIKING TOWING EIGHT 6000 METER
LONG CABLES IN AREA BETWEEN
13-09S 13-45S AND 038-56W 038-31W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 140400Z MAR.

(110910Z MAR 2004)

SECTION III**NAVAREA XII**

Messages in force 112000Z March 2004:

2003 series 262(GEN)	2004 series 70(GEN)	75(19) 88(GEN)	92(18)
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The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA XII WARNINGS issued from 111200Z December 2003 to 112000Z March 2004.

369/03 thru 384/03. CANCELED.

1/04 thru 69/04. CANCELED.

70/04(GEN). GPS SATELLITE SYSTEM.
PRN 02 UNUSABLE.

(221725Z FEB 2004)

71/04 thru 74/04. CANCELED.

75/04(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
 - A. 22-00.0N 159-51.0W.
 - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
 - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
 - D. 22-03.0N 160-21.0W.
 - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
 - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - G. 22-45.0N 161-25.0W.
 - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
 - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - J. 23-57.0N 160-41.0W.
 - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
 - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - M. 25-47.0N 158-15.0W.
 - N. 23-54.0N 158-15.0W.
 - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
 - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
 - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
 - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 38/04.

(251020Z FEB 2004)

76/04 thru 87/04. CANCELED.

88/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 061000Z MAR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 70(GEN), 75(19), 84(18), 86(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL NAVAREA XII 83/04.

(061020Z MAR 2004)

89/04 thru 91/04. CANCELED.

SECTION III

92/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL

B. 33-52N 119-06W. TO THE SHORELINE.

C. 33-29N 119-07W. N. 34-24N 120-30W.

D. 33-29N 118-37W. O. 34-08N 120-26W.

E. 33-20N 118-37W. P. 34-08N 119-40W.

F. 32-11N 120-16W. Q. 34-00N 119-40W.

G. 31-54N 121-35W. R. 34-06N 119-13W.

H. 35-09N 123-39W. S. 34-06N 119-11W.

I. 35-29N 123-00W. T. 34-07N 119-10W.

J. 35-04N 122-43W. U. 34-07N 119-07W.

K. 35-57N 121-32W. V. 34-04N 119-04W.

L. 34-59N 120-42W.

2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.

3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.

4. CANCEL NAVAREA XII 86/04.

(111010Z MAR 2004)

SECTION III HYDROPACS

Messages in force 112000Z March 2004:

2001 series	960(63)	200(74)	323(62)	380(74,82)	428(74)
1976(62)	993(62)	217(19,97)	329(71)	384(62)	430(81,73)
2002 series	998(71)	223(63)	331(GEN)	386(83)	431(74)
205(GEN)	1041(71)	226(81)	339(63)	387(22)	433(81,92)
206(GEN)	1198(92)	238(62)	344(76)	389(62)	435(GEN)
403(72,73)	1330(62)	243(61)	351(71)	394(83)	438(93)
2330(62)	1395(62)	249(81,83)	352(63)	398(63)	443(63)
2003 series	1655(29)	267(63)	356(94,95)	402(62)	444(63)
167(95)	1699(63)	270(61)	357(94,95)	403(62)	447(63)
207(62)	1700(62)	277(63)	358(94,95)	405(62)	448(61)
445(96)	1911(62)	278(63)	359(61)	408(63)	449(61)
495(62)	1982(GEN)	298(61)	361(72)	410(76)	451(GEN)
496(62)	2004(73,74)	302(62)	365(63)	412(63)	453(61)
506(62)	2159(63)	307(61)	366(63)	414(GEN)	455(73)
638(62)	2265(62)	308(61)	368(63)	415(62)	456(97)
760(63)	2275(22)	310(63)	369(95)	418(63)	457(95,96)
761(63)	2004 series	316(61)	370(95)	419(63)	458(63)
801(72)	23(62)	317(95,96)	371(94,95)	420(63)	459(63)
895(62)	158(29)	320(97)	377(22)	426(74)	460(94)

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROPAC WARNINGS issued from 111200Z December 2003 to 112000Z March 2004.

2162/03 thru 2264/03. CANCELED.

2265/03(62). PERSIAN GULF, IRAN.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE

ALONG TRACKLINES BETWEEN:

A. 26-45.30N 052-06.35E AND 27-29.65N 052-31.05E.

B. 26-50.70N 052-07.06E AND 27-07.45N 052-15.45E.

WIDE BERTH REQUESTED.

(301110Z DEC 2003)

2266/03 thru 2274/03. CANCELED.

2275/03(22). SOUTH PACIFIC. CHILE. RADIO SERVICES.

DSC STATION ANTOFAGASTA 23-40S 070-25W INOPERATIVE.

(311500Z DEC 2003)

2276/03 thru 2278/03. CANCELED.

1/04 thru 22/04. CANCELED.

23/04(62). PERSIAN GULF. HAZARDOUS OPERATIONS.

HAZARDOUS OPERATIONS 0300Z TO 1000Z IN PROGRESS

DAILY UNTIL FURTHER NOTICE IN AREA BETWEEN

25-15N 25-35N AND 051-50E 052-10E.

(071040Z JAN 2004)

24/04 thru 157/04. CANCELED.

158/04(29). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED VICINITY 68-52S 171-33W.

VESSELS IN VICINITY REQUESTED TO KEEP

A SHARP LOOKOUT, ASSIST IF POSSIBLE.

REPORTS TO MARITIME OPERATIONS NEW ZEALAND,

INMARSAT-C: 4512 00067, PHONE: 644 914 8333,

FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(270720Z JAN 2004)

159/04 thru 199/04. CANCELED.

200/04(74). AUSTRALIA-EAST COAST.

F/V GULFSTREAM SANK VICINITY 27-10S 153-30E AT 291400Z JAN.

ONE PERSON MISSING. VESSELS IN VICINITY REQUESTED

TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.

REPORTS TO RCC AUSTRALIA, TELEX: 7162025,

PHONE: 612 6230 6811, FAX: 612 6230 6868.

(310120Z JAN 2004)

SECTION III

201/04 thru 216/04. CANCELED.

217/04(19.97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 35-38N 174-21E
AT 030047Z FEB. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC HONOLULU, TELEX: 392401,
PHONE: 808 541 2500, FAX: 808 541 2123.

(030150Z FEB 2004)

218/04 thru 222/04. CANCELED.

223/04(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 03 APR BY
M/V CGG AMADEUS TOWING EIGHT 7000 METER
LONG CABLES IN AREA BOUND BY
17-05N 083-47E, 16-39N 084-09E,
16-21N 083-46E, 16-48N 083-24E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 04 APR.

(051329Z FEB 2004)

224/04 and 225/04. CANCELED.

226/04(81). NORTH PACIFIC. MARSHALL ISLANDS.

AIRCRAFT OVERDUE KWAJALEIN ATOLL TO MAJURO ISLAND.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU,
TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(060650Z FEB 2004)

227/04 thru 237/04. CANCELED.

238/04(62). PERSIAN GULF.

CHART 62440 (8TH ED).
ZIRKUH ISLAND LIGHT 24-53N 053-04E UNLIT.

(071340Z FEB 2004)

239/04 thru 242/04. CANCELED.

243/04(61). MOZAMBIQUE CHANNEL.

SEVEN METER F/V, TWO PERSONS ON BOARD, OVERDUE
ANJOUAN ISLAND AND RETURN. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO MRCC LA REUNION,
INMARSAT-C: 4227 99193, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(071834Z FEB 2004)

244/04 thru 248/04. CANCELED.

249/04(81,83). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED IN 05-00N 174-05E AT
090820Z FEB. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC HONOLULU, TELEX: 392401,
PHONE: 808 541 2500, FAX: 808 541 2123.

(091120Z FEB 2004)

250/04 thru 266/04. CANCELED.

267/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 14 FEB THRU 11 MAR BY
M/V VERITAS SEARCHER TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
08-15.0N 074-00.0E, 07-46.0N 074-00.0E,
07-54.5N 074-52.3E, 07-15.0N 075-12.0E,
07-15.0N 077-00.0E, 08-15.0N 076-33.0E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 153/04 AND 264/04(61).
3. CANCEL THIS MSG 12 MAR.

(120950Z FEB 2004)

268/04 and 269/04. CANCELED.

SECTION III

NM 13/04

270/04(61). INDIAN OCEAN.

F/V ANNELISE UNREPORTED. LAST KNOWN POSITION
29-00S 035-00E ON 08 FEB. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO CAPE TOWN RADIO.

(121920Z FEB 2004)

271/04 thru 276/04. CANCELED.

277/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 JUN BY
M/V ORIENT EXPLORER TOWING THREE 6000 METER
LONG CABLES IN AREA BOUND BY
23-25.3N 068-04.0E, 23-27.0N 068-10.0E,
23-18.0N 068-16.0E, 23-06.0N 068-13.0E,
23-05.0N 067-57.0E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 105/04.
3. CANCEL THIS MSG 02 JUN.

(140850Z FEB 2004)

278/04(63). INDIA-WEST COAST.

CHART 63102 (19TH ED).
1. NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
IN AREA BETWEEN
18-50.5N 18-53.5N AND 072-39.0E 072-43.5E.
2. CANCEL HYDROPAC 1248/03.

(140905Z FEB 2004)

279/04 thru 297/04. CANCELED.

298/04(61). MOZAMBIQUE CHANNEL.

CHART 61440 (2ND ED).
1. ILE JUAN DE NOVA LIGHT 17-03.1S 042-41.8E UNLIT.
2. CANCEL HYDROPAC 1998/03.

(161120Z FEB 2004)

299/04 thru 301/04. CANCELED.

302/04(62). PERSIAN GULF.

CHART 62434 (9TH ED).
DANGEROUS WRECK IN 29-49.0N 048-47.5E.

(161240Z FEB 2004)

303/04 thru 306/04. CANCELED.

307/04(61). MOZAMBIQUE CHANNEL. MAYOTTE.

CHART 61312 (3RD ED).
1. CAP DOUAMOUGNO LIGHT 12-39.0S 045-06.1E UNLIT.
2. CANCEL HYDROPAC 306/04(97), VESSEL LOCATED SAFE.
3. CANCEL HYDROPAC 240/04.

(180748Z FEB 2004)

308/04(61). MOZAMBIQUE CHANNEL. MAYOTTE.

CHART 61312 (3RD ED).
1. ILE M'SONGOMA REAR RANGE LIGHT 12-41.9S 045-07.6E UNLIT.
2. CANCEL HYDROPAC 241/04 AND 242/04.

(181055Z FEB 2004)

309/04. CANCELED.

310/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAR BY
M/V RAMFORM VICTORY TOWING TEN 6000 METER
LONG CABLES IN AREA BOUND BY
19-25.0N 069-40.0E, 19-37.0N 070-13.0E,
19-14.0N 070-23.0E, 19-02.0N 069-50.0E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 21 MAR.

(181450Z FEB 2004)

311/04 thru 315/04. CANCELED.

316/04(61). INDIAN OCEAN.

27 METER F/V ISLE OF MAHE, 31 PERSONS ON BOARD,
ADRIFT IN 08-05.18S 051-34.00E. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC LA REUNION,
INMARSAT: 42916140, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595

SECTION III

OR MRCC SEYCHELLES, PHONE: 00 248 224 411.

(190110Z FEB 2004)

317/04(95,96). SEA OF JAPAN, RUSSIA.

1. VESSEL, TWO PERSONS ON BOARD, UNREPORTED VICINITY NAKHODKA (42-55N 132-53E). VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC VLADIVOSTOK, TELEX: 213115, PHONE: 742 3249 5522, FAX: 742 3249 5895.
2. CANCEL HYDROPAC 1745/03.
3. CANCEL HYDROPAC 305/04(81), SIGNAL CEASED.

(191210Z FEB 2004)

318/04 and 319/04. CANCELED.

320/04(97). NORTH PACIFIC.

MAN OVERBOARD FROM M/V SEA RICHES VICINITY
27-25.9N 158-31.9E AT 192256Z FEB.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(200610Z FEB 2004)

321/04 and 322/04. CANCELED.

323/04(62). GULF OF SUEZ.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 26 MAR BY BARGES VICINITY OF TRACKLINE BETWEEN 28-12.9N 033-20.3E AND 28-09.5N 033-17.9E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 27 MAR.

(201120Z FEB 2004)

324/04 thru 328/04. CANCELED.

329/04(71). SOUTH CHINA SEA.

CABLE REPAIR OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY CABLESHIP CABLE RETRIEVER
VICINITY OF TRACKLINE BETWEEN
05-07.8N 107-29.5E AND 05-35.9N 108-15.7E.

(220609Z FEB 2004)

330/04. CANCELED.

331/04(GEN). GPS SATELLITE SYSTEM.

PRN 02 UNUSABLE.

(221730Z FEB 2004)

332/04 thru 338/04. CANCELED.

339/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 24 FEB THRU 31 MAR BY M/V RAMFORM CHALLENGER TOWING EIGHT 6000 METER LONG CABLES IN AREA BOUND BY 19-40N 070-52E, 19-50N 070-48E, 19-57N 071-07E, 19-47N 071-11E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 262/04.
3. CANCEL THIS MSG 01 APR.

(231050Z FEB 2004)

340/04 thru 343/04. CANCELED.

344/04(76). NEW ZEALAND-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V POLAR DUKE TOWING 3.7 MILE LONG CABLE IN AREA BOUND BY 47-08S 168-50E, 47-08S 170-00E, 48-16S 170-30E, 48-17S 169-00E, 47-50S 167-55E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 227/04(74,75).

(240310Z FEB 2004)

345/04 thru 350/04. CANCELED.

351/04(71). STRAIT OF MALACCA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY

SECTION III

NM 13/04

- 01 THRU 06, 08 THRU 13, 15 THRU 20,
22 THRU 27 AND 29 THRU 31 MAR IN
AREA BOUND BY 04-14N 100-17E,
04-33N 099-48E, 04-53N 100-06E.
2. CANCEL HYDROGRAPHIC 340/04(95,96).
3. CANCEL THIS MSG 311701Z MAR.

(250820Z FEB 2004)

- 352/04(63). INDIA-WEST COAST.
CHART 63062 (7TH ED.).
DANGEROUS WRECK VICINITY 22-46N 068-44E.

(250920Z FEB 2004)

353/04 thru 355/04. CANCELED.

- 356/04(94,95). YELLOW SEA. ORDNANCE.
1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 06, 08 THRU 13, 15 THRU 20,
22 THRU 27 AND 29 THRU 31 MAR
IN AREA BETWEEN
34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311400Z MAR.

(260940Z FEB 2004)

- 357/04(94,95). YELLOW SEA. ORDNANCE.
1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 06, 08 THRU 13, 15 THRU 20,
22 THRU 27 AND 29 THRU 31 MAR
IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311400Z MAR.

(260945Z FEB 2004)

- 358/04(94,95). YELLOW SEA. ORDNANCE.
1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 06, 08 THRU 13, 15 THRU 20,
22 THRU 27 AND 29 THRU 31 MAR
IN AREA BOUND BY
36-35.0N 125-36.0E, 36-35.0N 124-50.0E,
37-06.0N 124-50.0E, 37-10.2N 125-36.0E.
2. CANCEL THIS MSG 311400Z MAR.

(260950Z FEB 2004)

- 359/04(61). INDIAN OCEAN. ORDNANCE.
1. UNDERWATER ORDNANCE DETONATIONS 010001Z
TO 312359Z MAR IN AREA BETWEEN
09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL THIS MSG 010059Z APR.

(261040Z FEB 2004)

360/04. CANCELED.

- 361/04(72). JAVA SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAR
BY M/V ZEPHYR 1 TOWING 8000 METER LONG
CABLE IN AREA BOUND BY 07-55S 114-54E,
06-06S 115-20E, 03-12S 117-33E,
03-37S 118-53E, 08-22S 119-11E.
2. CANCEL THIS MSG 21 MAR.

(261240Z FEB 2004)

362/04 thru 364/04. CANCELED.

- 365/04(63). INDIA-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 31 MAR
BY M/V PACIFIC SWORD TOWING 9000 METER LONG
CABLE IN AREA BOUND BY
13-04.0N 080-40.0E, 13-04.0N 081-20.0E,
11-40.0N 081-20.0E, 11-40.0N 080-00.0E,
12-24.0N 080-24.0E. WIDE BERTH REQUESTED.
2. CANCEL HYDROGRAPHIC 65/04.
3. CANCEL THIS MSG 01 APR.

(261545Z FEB 2004)

- 366/04(63). INDIA-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAR BY
M/V TEKNIK KEMBARA TOWING 1500 METER
LONG CABLE IN AREA BOUND BY
15-23.0N 081-05.0E, 15-25.0N 081-08.0E,
15-22.0N 081-10.0E, 15-20.0N 081-07.0E.

SECTION III

WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 21 MAR.

(261600Z FEB 2004)

367/04. CANCELED.

368/04(63). ARABIAN SEA.

1. SEISMIC SURVEY 01 MAR THRU 24 APR
 BY M/V SAGAR SANDHANI TOWING
 TWO 8000 METER LONG CABLES
 IN AREA BOUND BY
 18-26N 070-13E, 18-38N 070-01E,
 18-45N 070-10E, 18-33N 070-21E.
 WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 25 APR.

(270750Z FEB 2004)

369/04(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
 02 THRU 06, 08 THRU 13, 15 THRU 20,
 22 THRU 27 AND 29 THRU 31 MAR
 IN AREA BOUND BY
 38-25N 128-45E, 38-25N 129-30E,
 38-10N 129-30E, 38-10N 129-00E,
 38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 311400Z MAR.

(270910Z FEB 2004)

370/04(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY
 02 THRU 06, 08 THRU 13, 15 THRU 20,
 22 THRU 27 AND 29 THRU 31 MAR
 IN AREA BOUND BY
 38-08N 129-51E, 38-08N 130-10E,
 37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 311100Z MAR.

(270920Z FEB 2004)

371/04(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
 02 THRU 06, 08 THRU 13, 15 THRU 20,
 22 THRU 27 AND 29 THRU 31 MAR
 IN AREA BETWEEN
 35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 311400Z MAR.

(270940Z FEB 2004)

372/04 thru 376/04. CANCELED.

377/04(22). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED IN 24-30S 083-03W.
 VESSELS IN VICINITY REQUESTED TO KEEP
 A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO ANY COASTAL RADIO STATION.

(271830Z FEB 2004)

378/04 and 379/04. CANCELED.

380/04(74,82). SOUTH PACIFIC.

1. DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 25-36S 161-05E.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MRCC NOUMEA,
 PHONE: 68 726 4772, FAX: 68 729 2303.
2. CANCEL HYDROFAC 379/04(83), FALSE ALERT.

(280720Z FEB 2004)

381/04 thru 383/04. CANCELED.

384/04(62). GULF OF SUEZ.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 25 MAR BY
 M/V EL DAWLEYA 2 VICINITY OF TRACKLINE BETWEEN
 28-02.69N 033-31.00E AND 28-01.99N 033-27.73E.
 0.5 MILE BERTH REQUESTED.
2. CANCEL HYDROFAC 291/04(74), OPERATIONS SUSPENDED.
3. CANCEL THIS MSG 26 MAR.

(011150Z MAR 2004)

385/04. CANCELED.

SECTION III

NM 13/04

386/04(83). SOUTH PACIFIC.

F/V LADY VALERIE REPORTS CREWMAN REQUIRING MEDICAL ASSISTANCE IN 42-00.7S 148-07.7W AT 020200Z MAR. VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 8333, FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(020750Z MAR 2004)

387/04(22). PERU.

CHART 22012 (31ST ED).
1. LA CONCORDIA LIGHT 18-20.8S 070-22.5W UNLIT.
2. CANCEL HYDROFAC 1485/03.

(020810Z MAR 2004)

388/04. CANCELED.

389/04(62). STRAIT OF HORMUZ.

DISTRESS SIGNAL RECEIVED FROM VESSEL BERGE FLANDERS IN 26-26N 056-42E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA, TELEX: 2301 72343, PHONE: 510 437 3701.

(030450Z MAR 2004)

390/04 thru 393/04. CANCELED.

394/04(83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 AND 243.0 MHZ VICINITY 21-08S 175-49W AT 032332Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 8333, FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(040043Z MAR 2004)

395/04 thru 397/04. CANCELED.

398/04(63). ARABIAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0200Z TO 1100Z DAILY
07 THRU 15 MAR IN AREA BOUND BY
25-15N 066-00E, 25-00N 066-36E,
24-10N 065-55E, 24-30N 065-30E.
2. CANCEL THIS MSG 151200Z MAR.

(040950Z MAR 2004)

399/04 thru 401/04. CANCELED.

402/04(62). PERSIAN GULF.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE IN AREA BOUND BY
26-55.5N 052-08.5E, 26-38.5N 052-30.0E,
26-27.5N 052-18.5E, 26-45.0N 051-57.5E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 84/04.

(051050Z MAR 2004)

403/04(62). PERSIAN GULF.

CHART 62560 (4TH ED).
6.6 METER SHOAL IN 27-42.69N 049-24.48E.

(051120Z MAR 2004)

404/04. CANCELED.

405/04(62). GULF OF SUEZ.

1. SEISMIC SURVEY IN PROGRESS UNTIL 13 MAR BY
VESSELS IN AREA BOUND BY
27-31.69N 033-43.31E, 27-31.75N 033-40.31E,
27-34.82N 033-36.75E, 27-36.00N 033-36.76E,
27-38.58N 033-36.82E, 27-38.52N 033-39.99E,
27-38.00N 033-40.00E, 27-38.92N 033-40.94E,
27-36.56N 033-43.47E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 14 MAR.

(051210Z MAR 2004)

406/04 and 407/04. CANCELED.

SECTION III

408/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 04 APR
BY M/V RAMFORM VANGUARD TOWING THREE
4000 METER LONG CABLES IN AREA BOUND BY
19-54.0N 071-51.0E 20-09.0N 071-46.0E
20-17.0N 072-36.0E 20-08.0N 072-46.0E.
2. CANCEL THIS MSG 05 APR.

(051500Z MAR 2004)

409/04. CANCELED.

410/04(76). NEW ZEALAND. NORTH ISLAND-WEST COAST.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V MARKAB IN 38-56.3S 174-17.3E.
500 METER BERTH REQUESTED.
2. CANCEL HYDROPAC 246/04.

(060024Z MAR 2004)

411/04. CANCELED.

412/04(63). INDIA-EAST COAST.

NINE METER F/V, YELLOW HULL, TWO PERSONS ON BOARD,
UNREPORTED VICINITY BHIMUNIPATNAM (17-54N 083-27E).
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(060920Z MAR 2004)

413/04. CANCELED.

414/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 061200Z MAR 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 158(29), 200(74), 217(19.97), 223(63), 226(81),
238(62), 243(61), 247(75), 249(81.83), 257(61), 267(63),
270(61), 277(63), 278(63), 298(61), 302(62), 307(61),
308(61), 310(63), 312(63), 316(61), 317(95.96), 320(97),
323(62), 329(71), 331(GEN), 339(63), 344(76), 351(71),
352(63), 356(94.95), 357(94.95), 358(94.95), 359(61),
361(72), 363(63), 364(63), 365(63), 366(63), 368(63),
369(95), 370(95), 371(94.95), 377(22), 380(74.82), 383(29),
384(62), 386(83), 387(22), 389(62), 394(83), 397(95),
398(63), 399(62), 402(62), 403(62), 405(62), 406(63),
407(63), 408(63), 410(76), 412(63), 413(76).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE
AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL HYDROPAC 2199/02, 2339/02, 1652/03, 1653/03,
1734/03, 1785/03, 121/04, 123/04, 388/04, 411/04.

(061240Z MAR 2004)

415/04(62). GULF OF SUEZ.

1. SEISMIC SURVEY IN PROGRESS UNTIL 12 MAR BY
VESSELS IN AREA BOUND BY
27-43.0N 033-32.5E, 27-43.0N 033-33.0E,
27-42.0N 033-35.4E, 27-45.0N 033-36.0E,
27-45.0N 033-38.0E, 27-41.0N 033-38.0E,
27-39.0N 033-40.0E, 27-38.0N 033-40.0E,
27-36.0N 033-38.0E, 27-36.0N 033-36.5E,
27-37.0N 033-33.0E, 27-39.5N 033-33.0E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 13 MAR.

(061310Z MAR 2004)

416/04 and 417/04. CANCELED.

418/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY
09 AND 12 MAR IN AREA BOUND BY
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 121630Z MAR.

(061335Z MAR 2004)

419/04(63). ANDAMAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0830Z TO 1000Z DAILY
10 THRU 12 MAR IN AREA BETWEEN
11-50N 12-00N AND 093-08E 093-18E.
2. CANCEL THIS MSG 121100Z MAR.

(061345Z MAR 2004)

SECTION III

NM 13/04

420/04(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z DAILY
10 AND 11 MAR WITHIN 75 MILES
OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 111800Z MAR.

(061350Z MAR 2004)

421/04 thru 425/04. CANCELED.

426/04(74). AUSTRALIA-NORTHWEST COAST.

PIPELINE OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE ALONG TRACKLINE BETWEEN 20-33.3S 115-42.4E
AND 20-32.3S 115-40.1E. WIDE BERTH REQUESTED.

(070800Z MAR 2004)

427/04. CANCELED.

428/04(74). AUSTRALIA-NORTHWEST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V VERITAS VIKING II TOWING EIGHT 6000 METER
LONG CABLES IN AREA BETWEEN 19-20S 19-55S AND
113-40E 114-30E. WIDE BERTH REQUESTED.

(070849Z MAR 2004)

429/04. CANCELED.

430/04(81,73). NORTH PACIFIC.

M/V SOUTHERN ARROW, 19 PERSONS ON BOARD, DISABLED
AND ADRIFT IN 01-13.2N 131-50.3E AT 071130Z MAR.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
MRCC VLADIVOSTOK, INMARSAT-C: 4925 00379,
PHONE: 742 3222 7782, FAX: 742 3249 5895.

(071626Z MAR 2004)

431/04(74). AUSTRALIA-NORTHWEST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V WESTERN TRIDENT TOWING TEN 2.5 MILE LONG CABLES
IN AREA BETWEEN 19-10S 20-30S AND 112-30E 113-40E.
WIDE BERTH REQUESTED.

(071745Z MAR 2004)

432/04. CANCELED.

433/04(81,92). NORTH PACIFIC.

1. F/V SHINKO MARU NR 3 ON FIRE AND ADRIFT
IN 11-11.5N 130-24.1E AT 070900Z MAR.
2. CANCEL HYDROPAC 425/04.
3. CANCEL THIS MSG 14 MAR.

(072145Z MAR 2004)

434/04. CANCELED.

435/04(GEN). JAPAN TO INDONESIA.

1. 465 TON F/V LAZARUS, FOUR PERSONS ON BOARD,
UNREPORTED ISHIGAKI TO JAKARTA. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.
2. CANCEL HYDROPAC 413/04(76) AND 434/04(83).

(080810Z MAR 2004)

436/04 and 437/04. CANCELED.

438/04(93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 14-59.7N 110-29.0E
AT 080706Z MAR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC HONG KONG, TELEX: 80282952.

(081220Z MAR 2004)

439/04 thru 442/04. CANCELED.

443/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 120430Z TO 120730Z MAR
WITHIN 20 MILES OF 15-24.6N 073-47.1E.
2. CANCEL HYDROPAC 440/04(81), 436/04 REFERS.
3. CANCEL THIS MSG 120830Z MAR.

(091140Z MAR 2004)

SECTION III

444/04(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAR
BY M/V CGG FOHN TOWING 5100 METER LONG
CABLE IN AREA BOUND BY
15-22.0N 080-34.0E, 15-40.5N 081-05.0E,
15-15.0N 081-20.0E, 14-56.5N 080-50.0E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 21 MAR.

(091400Z MAR 2004)

445/04 and 446/04. CANCELED.

447/04(63). INDIA-SOUTHWEST COAST.

1. SEISMIC SURVEY 11 THRU 30 MAR BY M/V VERITAS SEARCHER
TOWING 6000 METER LONG CABLE IN AREA BOUND BY
07-15.0N 075-12.0E, 06-49.0N 075-25.3E,
06-25.6N 075-40.9E, 04-58.3N 076-47.5E,
04-44.0N 077-00.0E, 07-15.0N 077-00.0E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 437/04(81), SIGNAL CEASED.
3. CANCEL HYDROPAC 442/04(GEN), VESSEL LOCATED SAFE.
4. CANCEL THIS MSG 31 MAR.

(091645Z MAR 2004)

448/04(61). MADAGASCAR-NORTHEAST COAST.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 12-48.6S 049-53.6E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC REUNION,
INMARSAT-C: 4227 99193, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(091703Z MAR 2004)

449/04(61). MADAGASCAR-NORTHEAST COAST.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 14-54.1S 050-19.7E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC REUNION,
INMARSAT-C: 4227 99193, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(091715Z MAR 2004)

450/04. CANCELED.

451/04(GEN). MADAGASCAR TO COMOROS ISLANDS.

47 METER M/V SAMSON, 112 PERSONS ON BOARD, UNREPORTED
MADAGASCAR TO COMOROS ISLANDS. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC REUNION,
INMARSAT-C: 4227 99193, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(091810Z MAR 2004)

452/04. CANCELED.

453/04(61). MOZAMBIQUE CHANNEL.

- CHART 61020 (2ND ED).
1. EUROPA ISLAND LIGHT 22-19.1S 040-20.4E UNLIT.
 2. CANCEL HYDROPAC 257/04.

(100750Z MAR 2004)

454/04. CANCELED.

455/04(73). PAPUA NEW GUINEA.

1. AIDS TO NAVIGATION IN PAPUA NEW GUINEA
ARE REPORTED UNRELIABLE.
2. CANCEL HYDROPAC 515/03, 1213/03, 1266/03,
1892/03, 1893/03, 2106/03.

(101020Z MAR 2004)

456/04(97). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2300Z TO 0030Z COMMENCING DAILY
14 AND 15 MAR WITHIN 216 MILES OF 31-55N 153-45E.
2. CANCEL THIS MSG 160130Z MAR.

(101210Z MAR 2004)

457/04(95,96). SEA OF JAPAN. GUNNERY.

1. GUNNERY EXERCISES 2300Z TO 1400Z COMMENCING DAILY
15 THRU 18, 21 THRU 25 AND 28 THRU 30 MAR
WITHIN 5.5 MILES OF 42-49.7N 131-21.8E.

SECTION III

NM 13/04

2. CANCEL HYDROPAC 247/04(75), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 311500Z MAR.

(101220Z MAR 2004)

458/04(63). ANDAMAN ISLANDS.
CHART 63370 (1ST ED).
RADIOBEACON AT EAST ISLAND LIGHT 13-37.7N 093-03.5E DISCONTINUED.

(101240Z MAR 2004)

459/04(63). BAY OF BENGAL.
1. SEISMIC SURVEY IN PROGRESS UNTIL 03 APR
BY M/V GECO EMERALD TOWING EIGHT THREE
MILE LONG CABLES IN AREA BOUND BY
20-01.5N 092-03.0E, 20-09.0N 092-17.5E,
19-26.5N 092-44.0E, 19-19.0N 092-30.0E.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 04 APR.

(101525Z MAR 2004)

460/04(94). NORTH PACIFIC.
1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL
30 JUN BY CABLESHIP WAVE VENTURE
VICINITY OF TRACKLINES BETWEEN:
A. 23-20.0N 123-03.8E AND 21-51.4N 121-51.0E.
B. 23-17.6N 122-13.2E AND 22-15.3N 121-42.9E.
2. CANCEL HYDROPAC 454/04.
3. CANCEL THIS MSG 01 JUL.

(110034Z MAR 2004)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 11 March 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 11 March 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

NEW EDITION OF COAST PILOT

U.S. Coast Pilot 6, Great Lakes, Thirty-Fourth Edition, 2004, is ready for issue and may be obtained from:

Federal Aviation Administration
 National Aeronautical Charting Office
 Distribution Division, AVN-530
 6303 Ivy Lane, Suite 400
 Greenbelt, MD 20770-1479

and authorized sales agents of the National Ocean Service. Price \$26.00.

The 2004 Edition cancels the preceding 2003 Edition.

All corrections to the previous edition issued in Notice to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page VI of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Geospatial-Intelligence Agency Notice to Mariners, and on the Internet at <http://critcorr.ncd.noaa.gov/> are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand Chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the Traditional NOAA/NOS paper Chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand Chart is available the day after NOAA clears a New Edition for release. The Traditional Chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below.

11341	40 th Ed. Mar 2004 NEW EDITION 11AHA11341 LA-TX-CALCASIEU PASS TO SABINE PASS (New edition due to numerous Notice to Mariner changes and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
13212	36 th Ed. Mar 2004 NEW EDITION 13AHA13212 CT-NY-APPROACHES TO NEW LONDON HARBOR (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:20,000
16477	7 th Ed. Feb 2004 NEW EDITION 16BHA16477 AK-ALEUTIAN ISLANDS-ANDREANOF ISLANDS- TAGALAK I TO LITTLE TANAGA I (New edition due to various general changes to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:30,000
16547	9 th Ed. Feb 2004 NEW EDITION 16BCO16547 AK-SANAK ISLAND AND SANDMAN REEF INSETS: Peterson and Salmon Bays Northern Harbor Sanak Harbor (New edition due to various general changes and change in format.)	NAD 83	(NOS Silver Spring, MD) 1:81,326/LORAN-C 1:20,000 1:20,000 1:20,000
18427	2 nd Ed. Feb 2004 NEW EDITION 18BHA18427 WA-ANACORTES TO SKAGIT BAY (New edition due to various general changes and hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1: 25,000
18476	5 th Ed. Feb 2004 NEW EDITION 18AHA18476	NAD 83	(NOS Silver Spring, MD)

SECTION III

	WA-PUGET SOUND-HOOD CANAL AND DABOB BAY (New edition due to numerous Notice to Mariner changes.)		1:40,000
18484	11th Ed. Mar 2004 NEW EDITION 18BHA18484 WA-NEAH BAY (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:10,000
18551	8 th Ed. Feb 2004 NEW EDITION 18XHA18551 WA-FRANKLIN D ROOSEVELT LAKE -SOUTHERN PART (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1: 50,000
18763	10 th Ed. Feb 2004 NEW EDITION 18AHA18763 CA-SAN CLEMENTE ISLAND-NORTHERN PART INSET: Wilson Cove (New edition due to various general changes and a change in format.)	NAD 83	(NOS Silver Spring, MD) 1:20,000 1:5,000
18650	52 nd Ed. Sep 2003 NEW EDITION 18AHA18650 CA-SAN FRANCISCO BAY- CANDLESTICK POINT TO ANGEL ISLAND (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1: 20,000
19010	18 th Ed. Feb 2004 NEW EDITION 19ACO19010 HI-HAWAI'IAN ISLANDS -SOUTHERN PART (New edition due to change in territorial boundaries.)	WGS 84	(NOS Silver Spring, MD) 1:675,000
18450	18th Ed. Feb 2004 NEW EDITION 18AHA18450 WA-SEATTLE HARBOR-ELLIOTT BAY AND DUWAMISH WATERWAY (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:10,000

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

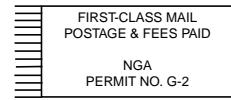
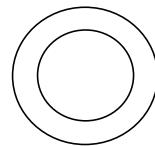
Details of Information Reported (continue on additional sheets as necessary) _____

Digitized by srujanika@gmail.com

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

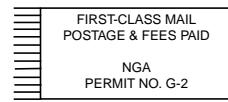
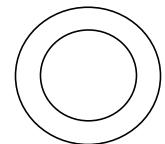
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

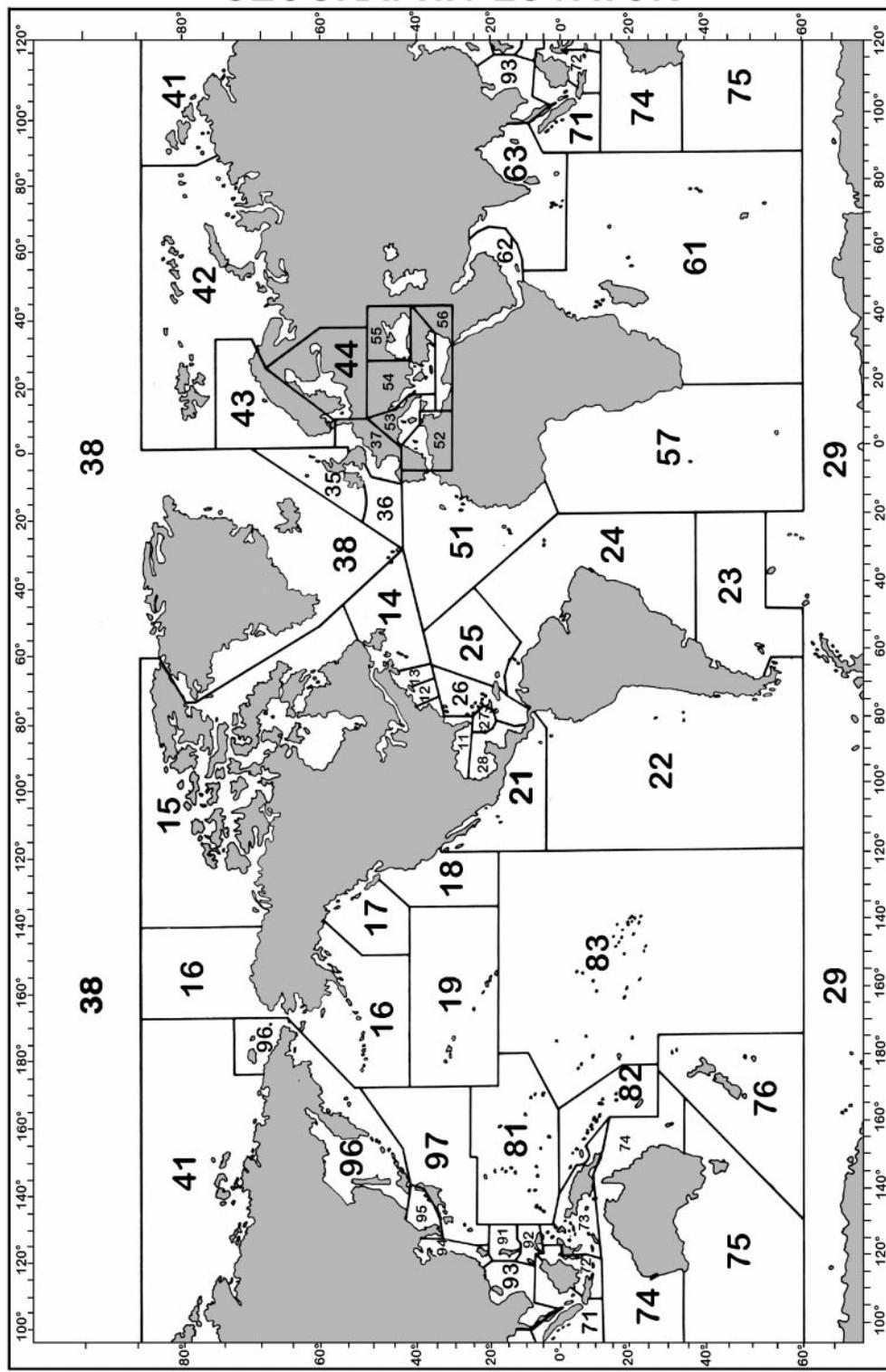
Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**

GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

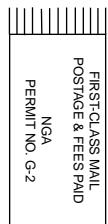
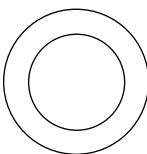
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY